

MEDVEDEVА, L.I.

Some aromatic and spice plants of Daghestan. Rast. res. 1  
(MIRA 18:11)  
no. 2:254-258 '65.

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

50833-65	EKT(m)/EWP(l)/T/EWP(t)/EWP(b)	IJP(c)	JD/RM	
ACCESSION NR:	AP5018926	UR/0363/65/001	1/006/0924/0927	2/2
		546.776:548.9	9	2/
AUTHOR:	Belyayev, I. N.; Medvedeva, L. I.; Resenko, Ye. G.	Kupriyanov, M. F.		B
TITLE:	Preparation and x-ray structural study of molybdates of complex composition of the type A sub 2 BMoO sub 6			
SOURCE:	AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 6, 1965, 924-927			
TOPIC TAGS:	molybdate, strontium compound, barium compound, magnesium compound, calcium compound, lead compound, zinc compound, cadmium compound, ceramic powder, perovskite.	v1	v1	2/
ABSTRACT:	The article examines the possibility of obtaining perovskite-type compounds of the type $A_2BMoO_6$ , using for A and B the divalent ions of Ba, Sr, Ca, Mg, Co, Cd, Ni, Zn, and Pb, and the influence of certain conditions on the purity of the compounds formed. The specimens were prepared by ordinary ceramic techniques (firing of pressed powder mixtures at 600-1000°C and in some cases reheating at 1100-1400°C). Phase analysis was then carried out, and the structure was determined from x-ray powder patterns. It was found that the compounds			
Card	1/2			

L 60888-65

ACCESSION NR: AP5018926

$\text{Sr}_2\text{PbMoO}_6$  and  $\text{Ba}_2\text{PbMoO}_6$  are obtained in the purest form at 800-900°C; they decompose at higher temperatures. X-ray data showed that all the compounds had a perovskite-type structure. In some, a superstructure due to the alternation of ions in the B positions was observed.  $\text{Sr}_2\text{MgMoO}_6$  and  $\text{Sr}_2\text{CaMoO}_6$  have a distorted perovskite-type structure. A study of the phase transition in  $\text{Sr}_2\text{MgMoO}_6$  showed that the temperature of the tetragonal  $\rightarrow$  cubic transformation was approximately 220°C. Orig. art. has: 1 figure and 2 tables.

ASSOCIATION: Rostovskiy gosudarstvennyy universitet (Rostov State University)

SUBMITTED: 13Jan64

ENCL: 00

SUB CODE: MT, IC

NO REF Sov: 005

OTHER: 007

Card

2/2

MARKOVA, L.P.; MEDVEDEVA, L.I.

Materials on the distribution, intraspecific variability and  
economic value of some species of *Ferula* from the subgenus  
*Peucedanoidea*(Boiss.) Korov. Trudy Bot. inst. Ser. 5 no. 13:  
42-99 '65. (MITA 18:12)

Medvedeva, L. I.

AUTHORS: Arbuzova, I. A., Medvedeva, L. I. 62-11-8/29

TITLE: On Polymerization of Chlorophenyl Ether of the Methacrylic Acid (O polimerizatsii khlorfenilovykh efirov metakrilovoy kisloty).

PERIODICAL: Izvestiya AN SSSR, Otdelenie Khimicheskikh Nauk, 1957,  
Nr 11, pp. 1349-1356 (USSR)

ABSTRACT: The paper deals with the investigation of the polymerization processes of phenylether of the methacryl: ~~acid~~ substituted by chlorine. It is demonstrated that the kinetics in the polymerization of parachloro-, 2,4-dichloro- and 2,4,6-trichlorophenylmethacrylates shows an analogous character to that of the polymerization of the methylmethacrylate: after an initial linear reaction period a sudden polymerization-acceleration occurs, which is accompanied by an increase of the molecular weight of the polymere. It is demonstrated that the influence of chlorine in the methylcrylether-nucleus becomes manifest in a lower conversion degree and an earlier cessation of the self-accelerating phase when raising the quantity of chlorine. Furthermore it is shown that the substitution of the methyl group in the methacrylether by a

Card 1/3

On Polymerization of Chlorophenyl Ether of the Methacrylic Acid. 62-11-8/29

more voluminous chlorophenyl group becomes manifest in the higher reaction velocity and the cessation of the polymerization with lower transformation degree. Based on the data obtained the following assumption on the causes for these phenomena is expressed: The comparison of the characteristic viscosities of the polymeres of the parachlorophenylmethacrylate permits to assume that the cause for the earlier cessation of the self-accelerating phase is the high viscosity of the reaction medium in the performance of the reaction with a smaller quantity of benzoyl-peroxide. In connection with the smaller mobility of the monomere, as compared with the methylmethacrylate, with voluminous chlorophenyl groups this leads to much more distinct difficulties in the diffusion of the monomere towards the growing end of the radical and therefore practically to a much earlier cessation of the self-accelerating phase. There are 6 figures, 5 tables, and 13 references, 4 of which are Slavic.

Card 2/3

On Polymerization of Chlorophenyl Ether of the  
Methacrylic Acid.

62-11-8/29

ASSOCIATION: Institute for High - Molecular Compounds of the AN USSR  
(Institut vysokomolekulyarnykh soyedineniy Akademii nauk  
SSSR).

SUBMITTED: June 18, 1956.

AVAILABLE: Library of Congress

Card 3/3

, 110 E 20th St. 11th fl.

USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 845

Author: Arbuzova, I. A., Medvedeva, L. I., and Plotkina, S. A.

Institution: None *Inst. High Molecular Compounds, AS USSR*

Title: On the Synthesis of Chlorophenyl Ethers of Methacrylic Acid

Original

Periodical: Zh. obshch. khimii, 1956, Vol 26, No 4, 1127-1130

Abstract: Chloro-substituted phenyl ethers of methacrylic acid have been synthesized, having the general formula  $\text{CH}_2\text{CCH}_3\text{COOAr}$  (I), where Ar can be 2-Cl<sub>6</sub>H<sub>4</sub> (Ia), 4-Cl<sub>6</sub>H<sub>4</sub> (Ib), 2,4-Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub> (Ic), 2,4,6-Cl<sub>3</sub>C<sub>6</sub>H<sub>2</sub> (Id), Cl<sub>5</sub>C<sub>6</sub>H (Ie) by a reaction analogous to that of ArOH (II) with  $\text{CH}_2 = \text{CCH}_3\text{COCl}$  (III) or to the action of  $\text{SOCl}_2$  on a mixture of ArOH and III. On heating in the presence of benzoyl peroxide, I gives transparent vitreous polymers. Procedure: to 25.7 gms of 2-Cl<sub>6</sub>H<sub>4</sub>OH 23 gms of II are added slowly at 45°, following by heating to 70-80° for 2.5 hours and distillation in a stream of N<sub>2</sub>; Ia is obtained in yields of 89%, bp 98-99°/3 mm, n<sub>D</sub><sup>20</sup> 1.5268, d<sub>4</sub><sup>20</sup> 1.1739. The

Card 1/3

## USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 845

Abstract: reaction with fused  $4\text{-ClC}_6\text{H}_4\text{OH}$  is carried out in a similar manner (the reaction product is dissolved in ether and washed with 4% NaOH); the yield of Ib is 73.5%, bp  $113\text{-}114^\circ/6$  mm,  $93\text{-}94^\circ/2$  mm (distillation in the presence of  $\text{Cu}_2\text{Cl}_2$ ),  $n_D^{20}$  1.5292,  $d_4^{20}$  1.1823. Similarly from  $2,4\text{-Cl}_2\text{C}_6\text{H}_3\text{OH}$  (IV) and II, Ic is produced (heating for 3 hours at  $90\text{-}92^\circ$ , followed by distillation with  $\text{Cu}_2\text{Cl}_2$ ); the yield is 82.7%, bp  $133\text{-}133.5^\circ/10$  mm, mp  $55\text{-}56^\circ$  (from alcohol-benzene solution),  $n_D^{20}$  1.5239,  $d_4^{20}$  1.249. When 200.9 gms  $\text{SOCl}_2$  are gradually added to 192.75 gms of  $4\text{-ClC}_6\text{H}_4\text{OH}$  and 146 gms of III and heated (~2.5 hours at  $70^\circ$ ) until evolution of  $\text{HCl}$  is completed, followed by extraction with ether and washing with 10%  $\text{Na}_2\text{CO}_3$ , Ib is obtained in yields of 80%; after distillation in a stream of  $\text{CO}_2$  with  $\text{CuCl}_2$ , the yield of 53%. When 54.4 gms of  $\text{SOCl}_2$  are added to 81.5 gms IV and 45 gms of III and allowed to stand for 50 hours at  $20^\circ$ , followed by heating for 2 hours at  $70^\circ$ , after which the mixture is poured into 4% NaOH and the precipitate dissolved in ether, Ic is obtained after distillation of the ether; the yield is 77%. When 41.8 gms of  $\text{SOCl}_2$  are added to 67.2 gms of  $2,4,6\text{-Cl}_3\text{C}_6\text{H}_2\text{OH}$  (V) and 34.4 gms III at  $35\text{-}40^\circ$  and heated for 10 hours at  $40\text{-}60^\circ$ , Id is obtained in yields

Card 2/3

USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 845

Abstract: of 61.6%, mp 61-61.5° (from alcohol). When 23 gms of II are gradually added to 40 gms of V in 126.5 gms of pyridine and heated for 3 hours at 90°, after which the mixture is poured into dilute HCl and the precipitate dissolved in ether and washed with NaOH, Id is obtained in yields of 74% after distillation of the ether. Analogously, Ie is obtained from 80 gms C<sub>6</sub>Cl<sub>5</sub>OH in 73.5 gms pyridine and 47 gms II (2 hours at 70°); the yield of crude product is 75.7%, mp 91-91.5° (from alcohol-benzene).

Card 3/3

L 1579-66 EWT(m)/EPF(c)/ENP(j)/T RPL W/W/RM

ACCESSION NR: AP5022601

UR/0190/65/007/009/1554/1561

678.01.53+678.744+678.746

AUTHORS: Zakharov, S. K.; Medvedeva, L. I.; Arbuzova, I. A.; Kuvshinskiy, Ye. V.

TITLE: Softening, rubber-like elasticity, and structure of three-dimensional polymers of methyl methacrylate and styrene with diolefinic monomers

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7. no. 9, 1965, 1554-1561

TOPIC TAGS: polymer, elastic deformation, methyl methacrylate, styrene, olefin, thermomechanical property

ABSTRACT: Thermomechanical and elastic-deformational properties of three-dimensional copolymers (solid at room temperature) were investigated, and their structure was analyzed. The materials selected for study were prepared by a radical copolymerization of methyl methacrylate or styrene with methacrylic anhydride, dimethyl ethylene glycol, 1,4-butyleneglycol dimethacrylate, or 1,5-diethylene-glycol dimethacrylate, using benzoyl peroxide as an initiator. Thermomechanical studies were performed according to the method described by the authors in an earlier work (Zavodsk. lab., 30, 1399, 1964). Change in elastic deformation of copolymers was observed as a temperature function of the modulus of normal

Card 1/2

L 1579-66

ACCESSION NR: AP5022601

elasticity. It was found that the magnitude of the "equilibrium" elasticity modulus is a function of the nature of the principal monomer, its molecular weight, number of single bonds along the monomeric chain of the cross-linking agent, and the molar content  $\bar{V}$  of the latter. The softening point of the copolymers is a direct linear function of  $\bar{V}$ . Possible structures for these materials, based on the information of their chemical composition, are discussed. Comparative evaluation of the number of chains of ideal lattices with effective number of chains of a real lattice shows that the softening temperature of the three-dimensional polymers under discussion is directly related to the effective number of chains per 1 cc of the polymer. Orig. art. has: 6 figures, 1 table, and 2 formulas.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy, AN SSSR (Institute of High-Molecular Compounds, AN SSSR)

SUBMITTED: 16Oct64

441-55 ENCL: 00

SUB CODE: OC

NO REF Sov: 007

OTHER: 016

Card 2/2

L 27208-65 FSF(h)/EWT(i)/FS(v)-3/EEC(k)-2/EVA(d)  
ACCESSION NR: AT5003540

Pae-2 CIA  
S/2816/63/000/032/0007/0016

34

15

6+

AUTHORS: Medvedeva, L. I.; Firago, B. A.

TITLE: Computing distances to artificial earth satellites

SOURCE: AN SSSR. Astrofizicheskiy sovet. Byulleten' stantsiy opticheskogo  
nablyudeniya iskusstvennykh sputnikov Zemli, no. 32, 1963, 7-16

TOPIC TAGS: artificial satellite, satellite orbit

ABSTRACT: The authors propose a method for determining topocentric distance ( $d$ ) of a satellite from available data. A table for  $d/R$  as it depends on  $r/R$  and  $z$  (or  $h$ ) is given. The topocentric distance is an important factor in making many computations, and commonly it must be determined without knowing the orbital elements (because they are not yet known or are not available). It is therefore most convenient to determine the distance from data available at each station. If the period, angular velocity at culmination, and position of the satellite have been determined, the geocentric distance may be computed, and then the topocentric distance ( $d$ ) may be obtained from  $\frac{d}{R} = \sqrt{\left(\frac{r}{R}\right)^2 - \sin^2 z - \cos z}$ , where  $r$  and  $R$  are the geocentric distances of the satellite and the observation station, and  $s$  is the

Card 1/2

L 27208-65

ACCESSION NR: AT5003540

geocentric zenith distance of the satellite. Another formula, not so frequently used, is  $d = 0.074264 \mu^{-1} \cos \delta / 2 r^{-1} - 19.272 p^{-\frac{2}{3}}$ , where  $\mu$  is the topocentric angular velocity in  $\text{deg/sec}$ ,  $p$  is the period in minutes, and  $\delta$  is the angle between the plane of the celestial sphere and the course of the satellite. The table contains values of  $d/R$  for the  $r/R$  interval from 1 to 2, because this gives perfectly reliable results for "near" satellites. Later on the table may need extending. A table for proportional parts is also furnished. Orig. art. has: 2 tables and 4 equations.

ASSOCIATION: Glavnaya (Pulkovskaya) astronomicheskaya observatoriya AN SSSR (Main (Pulkovo) Astronomical Observatory, AN SSSR)

SUBMITTED: 19Oct62

ENCL: 00

SUB CODE: SV, DC

NO REF SOV: 006

OTHER: 000

Card 2/2

MEDVEDEVA, L.I.; FIRAGO, B.A.

Calculation of the topocentric distances of artificial earth  
satellites. Biul. sta. opt. nabl. isk. sput. Zem. ...<sup>32-7-16</sup>  
<sup>463.</sup> (MIRA 17:7)

1. Glavnaya (Pulkovskaya) astronomicheskaya observatoriya AN SSSR.

BAGIL'DINSKIY, B.K.; AOSHIN, G.S.; NEVOMINSK, L.I.

Investigating the flexure of the Struve-Ertel' vertical circle  
at Pulkovo. Izv. GAO 23 no.4:69-75 '64. (MIA 17:9)

MEDVEDEVA, I.I.

Preliminary results of observations of polarissima  $33+89^{\circ}3$   
with the Pulkovo vertical circle. Izv. GAO 23 no.4 78-81 1984.  
(MIRA 17:9)

ZAKHAROV, S.K.; MEDVEDEVA, L.I.; ARBUZOVA, I.A.; KUVSHINSKIY, Ye.V.

Softening, high-elastic resilience, and structure of space-polymers of methyl methacrylate and styrene with diolefinic monomers. Vysokom. soed. 7 no.9:1554-1561 S '65.

(MIRA 18:10)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

ZAYCHENKO, V.N.; MEDVEDEVA, L.V.; YUSUFOVA, K.G.

Portable gas analyzers for controlling the air of oil and ozocerite mines where explosive mixtures are present. Trudy VNIITB no.10: 75-82 '58. (MIRA 15:5) (Petroleum mining--Safety measures) (Ozocerite) (Gas, Natural)

ZAYCHENKO, V.N., kand.tekhn.nauk; MEDVEDEVA, L.V., inzh.; YUSUFOVA, K.G.,  
inzh.; KHODZHAYEVA, L.I., inzh.

Portable audiometer for the protection of gasoline vapors.  
Bezop.truda v prom. 3 no.5:24-25 Ky '59. (MIR 12:8)

I. Vsesoyuznyy nauchno-issledovatel'skiy institut po tekhnike  
bezopasnosti v neftyanoy promyshlennosti, Baku.  
(Audiometer)

DOLGOPOLOVA, Anna Sergeyevna; SHAKHMAGON, Andrey Iosifovich;  
MEDVEDEVA, L.V., red.; KOROBOVA, N.D., tekhn. red.

[Wages in enterprises of the food and fish industry] Op-  
lata truda na predpriatiakh pishchevoi i rybnoi pro-  
myshlennosti. Moskva, Profizdat, 1963, 287 p.  
(MIRA 16:7)

(Wages—Food industry) (Wages--Fisheries)

FOMIN, Petr Vasil'yevich; MEDVEDEVA, L.V., red.; ZAYTSEVA, L.A.,  
tekhn. red.

[Public university of industrial hygiene] Obshchestven-  
nyi universitet okhrany truda. Moskva, Profizdat, 1963.  
62 p. (MIRA 16:8)  
(Zaporozh'ye--Industrial hygiene--Study and teaching)

LEBEDEV, Andrei Vasil'yevich; MEDVEDEVA, L.V., red.

[New development in the drive for production quality; the Saratov system of organizing the manufacture of products without defects] Novoe v bor'be za kachestvo produktsii: o sisteme organizatsii bezdefektnogo izgotovleniya produktsii na saratovskikh predpriyatiakh. Moskva, Profizdat, 1964.  
77 p. (Biblioteka profsoiuznogo aktivista, no. 4/81)  
(FIRA 17:6)

USSR / Microbiology - Industrial Microbiology.

F

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38397.

Author : Shamis, D. L., Tyutenkova, N. L., Medvedeva,  
L. V.

Inst : Not given.

Title : Conditions for Preserving Fermentation Activity  
of Molasses-Alcohol Yeasts.

Orig Pub: Tr. In-ta mikrobiol., i virusol. AN KazSSR,  
1956, 1, 96-105.

Abstract: It was established that the "ya" race of the in-  
dustrial culture *Saccharomyces cerevisiae* di-  
vides, as influenced by varied production condi-  
tions, into two variants (smooth and wrinkled).  
The smooth variant possesses a greater fermenta-  
tion power by comparison with the wrinkled,  
which, however, is capable of producing a great-

Card 1/2

MEDVEDEVA, M.G.

Hydrogeochemical zoning of underground waters in the north-eastern part of White Russia. Dokl. AN BSSR 9 no. 4:247-249  
Ap '65 (MIRA 19:1)

1. Institut geologicheskikh nauk Gosudarstvennogo geologicheskogo komiteta SSSR. Submitted March 18, 1964.

MEDVEDEV, M.I.

Characteristics of the chemical composition of underground waters  
in the Narcva horizon of the Middle Devonian in the northeastern  
regions of White Russia. Dokl. AN BSSR 9 no.6:393-395 Je '65.  
(MTRA 18:9)

I. Institut geologicheskikh nauk Gosudarstvennogo geologicheskogo  
komiteta SSSR.

LEVINTER, M.Ye.; MEDVEDEVA, M.I.

Isolation of asphaltenes from petroleum residues of natural and  
destructive origin. Izv. vys. ucheb. zav.; neft' i gaz 3 no.11:  
61-66 '60. (MIRA 14:1)

1. Ufimskiy neftyanoy institut.  
(Asphaltenes)

KAGANOV, S.A.; LEVINTER, M.Kh.; MEDVEDEVA, M.I.

Kinetics of asphaltene coking. Khim.i tekhnopl.i mazel 7  
no.7:38-43 Jl '62. (MIRA 15:9)  
(Asphaltenes) (Carbonization)

MEDVEDEVA, M.I., mladshiy nauchnyy sotrudnik

Determination of streptomycin sensitivity in patients with tuberculosis by an intradermal test with this preparation. Probl. tub. 38 no. 3:115-117 '60. (MIRA 14:5)

1. Iz Novosibirskogo instituta tuberkuleza (dir. - kandidat meditsinskikh nauk R.K.Lonninger, nauchnyy rukovoditel' - doktor meditsinskikh nauk prof. S.Ye.Rabinovich).  
(STREPTOMYCIN) (TUBERCULOSIS)

MEDV рЕДИВА, M.I., assistant

Two cases of spontaneous rupture of the uterus in pregnancy.  
Akush. i gin. 35 no.3:120 My-Je '59. (MIRA 12:8)

1. Iz akushersko-ginekologicheskoy kliniki (zav.kafedroy - prof.  
A.G.Butylin) Kurskogo meditsinskogo instituta.  
(UTERUS, rupt.  
in pregn. (Rus))  
(PREGNANCY, compl.  
uterus rupt. (Rus))

MEDVEDEVA, M. I., CAND MED SCI, "TREATMENT OF TRICHOMONAL  
COLPITIS WITH BILE." KURSK, 1960. (SECOND MOSCOW STATE  
MED INST IM N. I. PIROGOV). (KL, 2-61, 218).

-267-

MEDVEDEVA, M.I.

Spreading of Trichomonas into the upper parts of the female genital tract. Akush. i gin. 36 no.3:105-106 My-Je '60. (MIRA 13:12)  
(TRICHOMONAS) (GENERATIVE ORGANS, FEMALE)

- KUGENEV, P.V., kand. sel'skokhoz.nauk; MEDVEDEVA, M.

Amino acid composition of human milk. ~~Meditsina~~ no.6:18-21 '61.  
(MIRA 14:8)

1. Iz kafedry molochnogo dela (zav. - prof. P.D. Davidov) Sel'-  
skokhozyaystvennoy akademii imeni K.A. Timiryazeva.  
(AMINO ACIDS) (MILK, HUMAN)

MEDVEDEVA, M.I., assistent

Case of congenital teratoma in a 3-month-old girl. Akush.i gin.  
no.68100-101 '61. (MIRA 14:12)

1. Iz akushersko-ginekologicheskoy kliniki (zav. - prof. A.G.  
Butylin) Kurskogo meditsinskogo instituta (dir. - prof. A.V.  
Savel'yev).

(TUMORS) (INFANTS (NEWBORN)--DISEASES)

MEDVEDEVA, M.I.; LEVINTER, M.Ye.

Methods for studying the process of coking. Izv. vys. ucheb. zav.;  
neft' i gaz. 8 no.5:57-61 '65. (MIRA 18:7)

1. Ufimskiy neftyanoy institut.

YELINA, A.S., TSYRUL'NIKOVA, L.G.; MEDVEDEV, M.I.

N oxides of the quinoxaline series. Part 8. Oxidation of dimethylquinoxaline and its methylol derivatives by nitric acid. Zhur. org. khim. 1 no.1:147-149 Ja '65. (MIRA 18:5)

i. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmaceuticheskiy institut imeni S Ordzhonikidze.

MEDVEDEVA, M.N., KUGENEV, P.V.

Quantitative determination of amino acids in milk proteins [with summary  
in English]. Biokhimiia 23 no.3:429-433 Ky-Je '58 (MIRA 11:8)

1. Kafedra molochnogo dela Sel'skokhozyaystvennoy akademii im.  
K.A. Timryazeva, Moskva.  
(AMINO ACIDS, determination,  
in milk (Rus))  
(MILK,  
amino acids determ (Rus))

KUGENEV, P.V., kand. sel'skokhozyaystvennykh nauk, dozent; MEDVEDEVA, M.N.

Amino acid composition of milk proteins [with summary in English].  
Izv. TSKhA no.5:172-183 '60. (MIRA 13:11)  
(Milk--Composition) (Amino acids)

KUGENEV, P.V.; MEDVEDEVA, M.N.

Comparative amino acids content of casein of milk from certain animal  
species. Vop. pit. 19 no.2:43-44 Mr-Ap '60. (MIRA 14:7)

1. Iz kafedry molochnogo dela (zav. - prof. R.B.Davidov) Sel'skokhoz-  
yaystvennoy akademii imeni K.A.Timiryazeva, Moskva.  
(CASEIN) (AMINO ACIDS) (MILK—COMPOSITION)

KUGENEV, P.V.; MEDVEDEVA, M.N.

Amino acid composition of total milk proteins in certain species  
of animals. Vop. pit. 19 no. 6:75-76 N-D '60. (MIRA 13:10)

1. Iz kafadry molochnogo dela (zav. - prof. R.B. Davidov)  
Moskovskoy sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva.  
(MILK) (AMINO ACIDS)

KUGENEV, P.V., kand.sel'skokhozyayatvennykh nauk; MEDVEDEVA, M.N.

Properties of milk from different species of animals. Priroda  
49 no.5:99 My '60. (MIRA 13:5)

1. Moskovskaya sel'skokhozyayatvennaya akademiya im. K.A.  
Timiryazeva. " "  
(Milk)

REVEDENOV, M. N., KUGEEV, P. V. (USSR)

"Seasonal Variations in Amino-Acid Composition of the Total  
Protein of Milk"

Report presented at the 5th Int'l. biochemistry Congress,  
Moscow, 10-16 Aug 1961

MEDVEDEVA, M.N.; KUGENEV, P.V.; SHCHUKA, V.P.

Use of paper chromatography for determination of amino acids on a  
large scale. Lab delo 7 no. 9:3-8 S '61. (MIRA 14:10)

1. Kafedra molochnogo dela Moskovskoy sel'skokhozyaistvennoy akademii  
imeni Timiryazeva.  
(AMINO ACIDS) (PAPER CHROMATOGRAPHY)

KUGENEV, P.V., kand. sel'skokhozyaystvennykh nauk; MEDVEDEVA, M.N.

Amino acid composition of the total protein content of milk  
with a carbamide supplement in the rations of cows. Izv.  
TSKHA no.3:96-103 '62. (MIRA 15:9)

(Amino acids) (Milk--Composition)  
(Urea as feed)

KUGENEV, P.V.; MEDVEDEVA, M.N.

Amino acid composition of milk received at the Moscow Dairy Combine.  
Vop. pit. 21 no.5:66-71 S-0 '62. (M.R.A. 1:5)

1. Iz kafedry molechnogo dala Moskovskoy sel'skokhozyaystvennoy  
akademii imeni K.A. Timiryazeva.

MEDVEDEVA, M.P.

~~Development of experimental inflammation in immature white rats following thymectomy. Arkhiv.anat., gist.i embr. 43 no. 9:59-65 S '62.~~  
~~(MIRA 17:9)~~

1. Kafedra gistologii (zav. - prof. V.G.Yeliseyev) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova. Adres avtora: Moskva, ul. K.Marksa, 18, I Moskovskiy ordena Lenina meditsinskiy institut imeni Sechenova.

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033310012-7

KOZLOV, M.F. [Kazlou, M.F.]; MEDVEDEVA, M.R. [Miadzvedzeva, M.R.]

Hydrogeological conditions in the middle Western Dvina Valley.  
Vestsi AN BSSR. Ser. fiz.-tekhn. nav. no.2:84-96 '64.  
(MIRA 18:1)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033310012-7"

MEDVEDEVA M.S.

KUCHERUK, V.V.; FETROV, V.G.; DUNAYEVA, T.N.; PSHENICHNAYA, L.A.;  
MEDVEDEVA, M.S.; GLUSHKO, N.V.

Characteristics of the natural foci of tularemia in forest shelter-belts and ways of controlling them. Vop.kraev., ob. i eksp.paraz. i med.zool. 9:140-152 '55.  
(MLRA 10:1)

1. Iz otdela parazitologii i meditsinskoy zoologii (zav. - akad. Ye.M.Pavlovskiy) Instituta epidemiologii i mikrobiologii imeni N.F.Gamaleya (dir. - deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR prof. G.V.Vygodchikov) Akademii meditsinskikh nauk SSSR i Stavropol'skogo protivoepidemicheskogo instituta (dir. V.N.Ter-Vartanov) Ministerstva zdravookhraneniya SSSR.  
(TULAREMIA) (WILDBREAKS, SHELTERBELTS, ETC.)

MEDVEDEVA, M.V., inzh.

Conference of the readers of "Shakhtnoye Stroitel'stvo." Shakht.  
stroi. 7 no.4:32-33 of cover Ap '63. (MIRA 16:3)

1. Kombinat po stroitel'stvu shakhtnykh sooruzheniy Karagandinskogo  
ugol'nogo basseyna.

MEDVID', M.V.; CHINAYEV, P.I., kand. tekhn.nauk, retsenzent;  
BARAB-TARLE, M.Ye., inzh., retsenzent; PILIPENKO, Yu.P.,  
inzh., red.izd-va; GORDEYEVA, L.P., tekhn. red.

[Automatic orientation feed units and mechanisms] Avtomati-  
cheskie orientiruiushchie zagruzochnye ustroistva i mekhaniz-  
my. Moskva, Mashgiz, 1961. 298 p. (MIRA 16:9)  
(Feed mechanisms)

MEDVEDEVA, M. YA.; KOSAREV, A. M.

Shock

Possibilities of utilizing waste leather. Leg. prom. 12 No. 9, 1952.

1952

9. Monthly List of Russian Accessions, Library of Congress, December 1952, Uncl.

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033310012-7

MEDVEDEV, N.

Reaction speed. Voen. sman. 41 no. 3838-39 Mr. '65.

(MIRA 185)

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033310012-7"

ACC NR: AR6028773

SOURCE CODE: UR/0269/66/000/006/0065/0065

AUTHOR: Gudzenko, L. I.; Medvedeva, N. A.; Chertoprud, V. Ye.

TITLE: Latitudinal distribution of the solar cyclic activity

SOURCE: Ref. zh. Astronomiya, Abs. 6.51.497

REF SOURCE: Astron. tsirkulyar, no. 342, okt. 16, 1965, 1-4

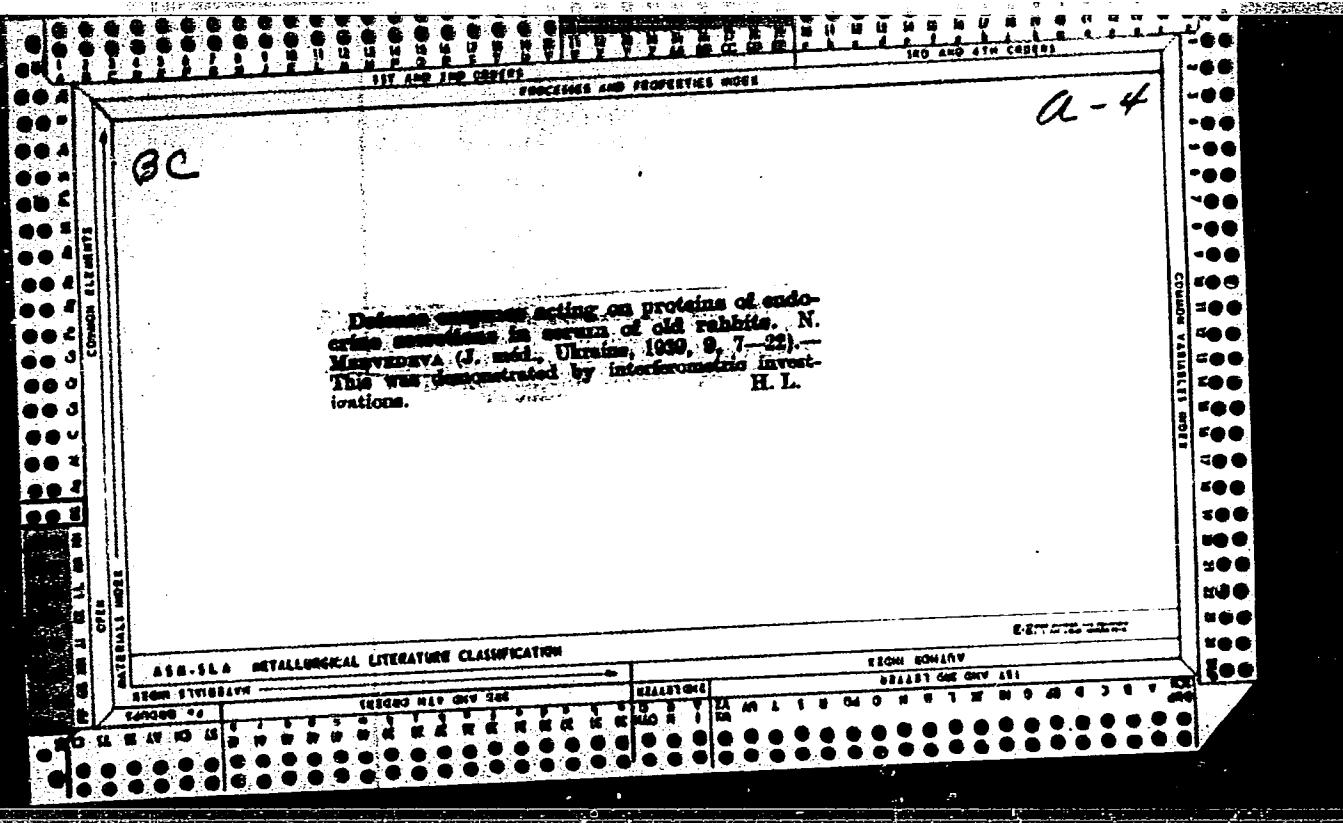
TOPIC TAGS: sun, sunspot, sunspot cycle

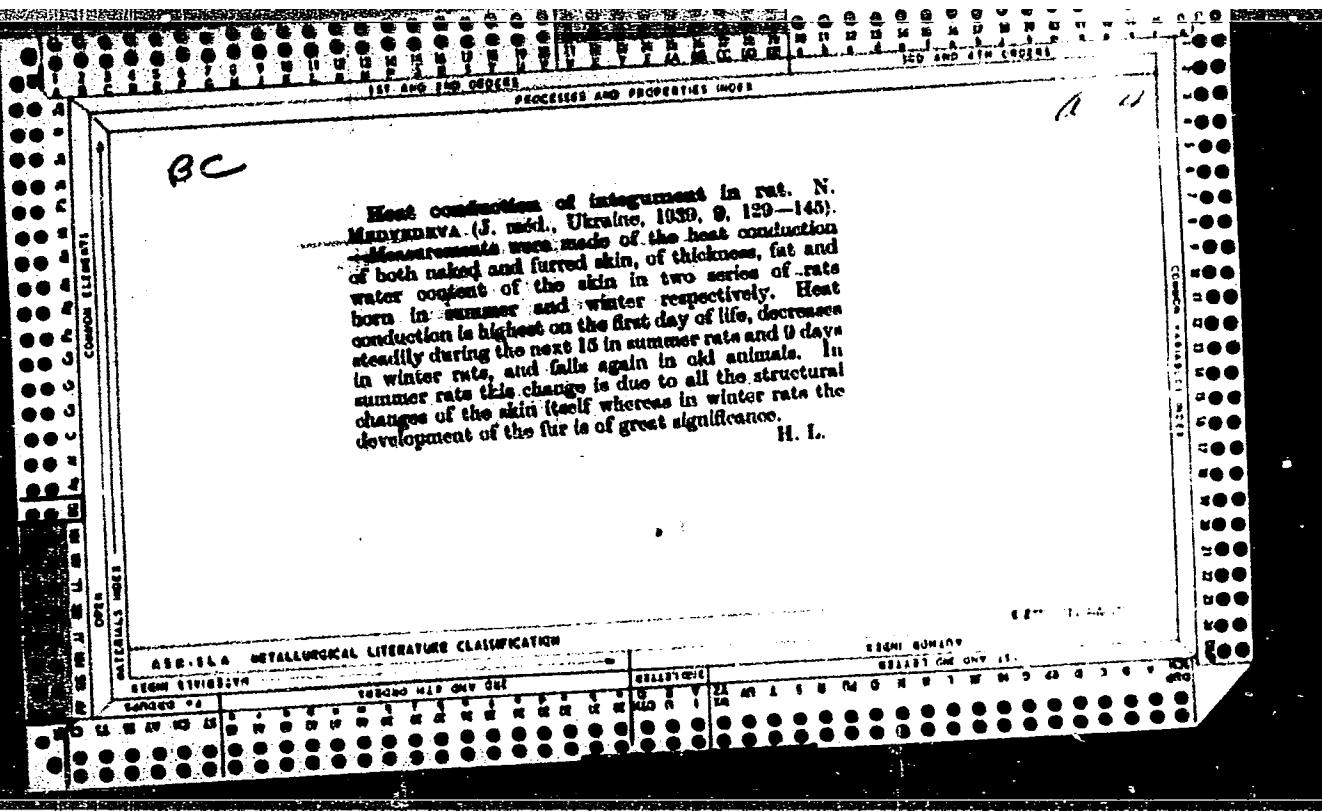
ABSTRACT: Tables of the distribution of sunspots with respect to latitude and phase are computed from Greenwich sunspot catalogs for seven 11-year cycles of the solar activity. An analysis of the tables has shown that insignificant differences exist in distributions for the northern and southern hemispheres. Summary tables of the distributions of relative frequency of occurrence of sunspot groups are given.  
[Translation of abstract] Bibliography of 10 titles. V. Ch.

SUB CODE: 03

UDC: 523.745

Card 1 of 1





MEDVEDEVA, N. V. B.

MEDVEDEVA, Nat. B., prof.

Dynamics of the morphological composition of hemolymph in the malaria mosquito in connection with its biology. Medich. zhur. 16:166-186 '47.  
(MIRA 10:12)

1. Z viddilu evolyutsii funktsiy (zav. viddilu - prof. M.V.Yermakov)  
Institutu eksperimental'noi biologii i patologii Ministerstva okhoroni  
zdrorov'ya URSR (direktor - akad. O.O.Bogomolets' [deceased]).  
(HEMOLYMPH) (MOSQUITOES)

Medvedeva, N.B.

LEITES, S.M., professor

"Normal and pathological physiology of fat and lipoid metabolism"  
by N.B.Medvedeva. Reviewed by S.M.Leites. Arkh.pat. 18 no.8:103-106  
'56. (MLRA 10:2)

(FAT METABOLISM) (LIPIDS) (MEDVEDEVA, N.B.)

HEDVEDEVA, N.B.

Multiplication of the polyhedral virus in tissue culture of insects.  
Vop.virus. 4 no.4:449-456 J1-Ag '59. (MIRA 12:12)

1. Institut zoologii Akademii nauk USSR, Kiyev.  
(VIRUSES, culture)

MEDVEDEVA, N.B.

sov/21-59-7-22/25

7(15)

AUTHOR:

Medvedyeva, Nat. B.

TITLE:

Multiplication of Polyhedral Virus in Insect Tissue Cultures

PERIODICAL:

Dopovidi Akademii Nauk Ukrains'koi RSR, 1959, № 7  
pp 790-794 ("krSSR")

ABSTRACT:

In hanging drop cultures of connective-tissue cells of ovarian tubules and cells of cysts walls of testes of Bombyx mori and Antheraea pernyi a rapid multiplication of the corresponding polyhedral viruses takes place after artificial infection. The viruses can also infect the male germ cells, but only when they are freely dissociated in the culture, thus showing that the cyst walls of testes possess a barrier. The susceptibility to the virus of daughter generations of spermatogonia is considerably decreased. Under the conditions of author's experiments, the infection of blood cells was greatly retarded and was accompanied by a disturbance in the process of crystallization of the polyhedral protein: instead of the

Card 1/2

SCV/21-59-7-22/25

Multiplication of Polyhedral Virus in Insect Tissue Cultures

formation in the nucleus of a group of separate polyhedra only one large body of polyhedral protein with rounded outlines was formed in the nucleus. The culture conditions caused a considerable polymorphism of the resulting polyhedra. There are 2 photographs and 10 references, 3 of which are Soviet, 5 English 1 German and 1 Japanese

ASSOCIATION: Institut zoologii AN UkrSSR (Institute of Zoology AS Ukr SSR)

PRESENTED: V. H. Drobotko, Member AS UkrSSR

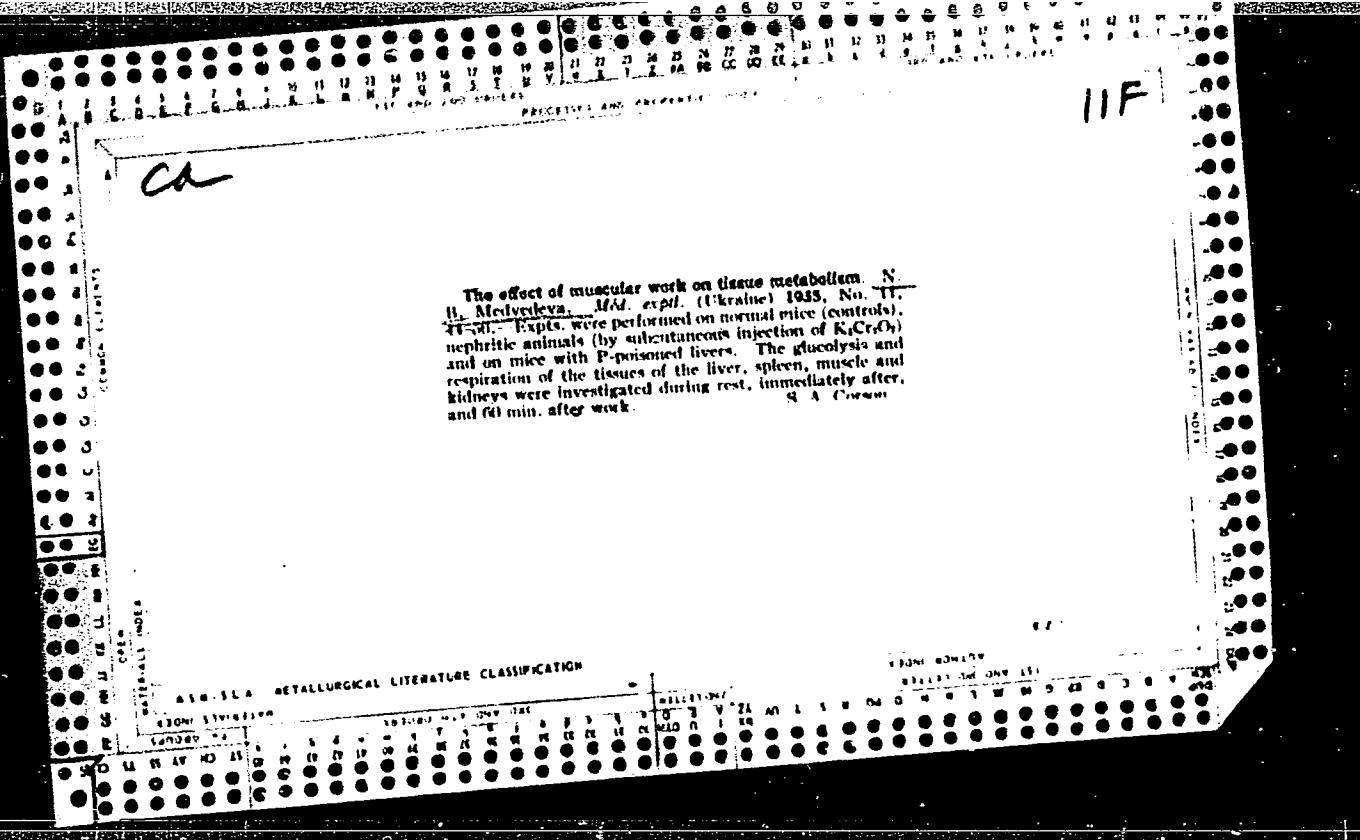
SUBMITTED: February 27, 1959

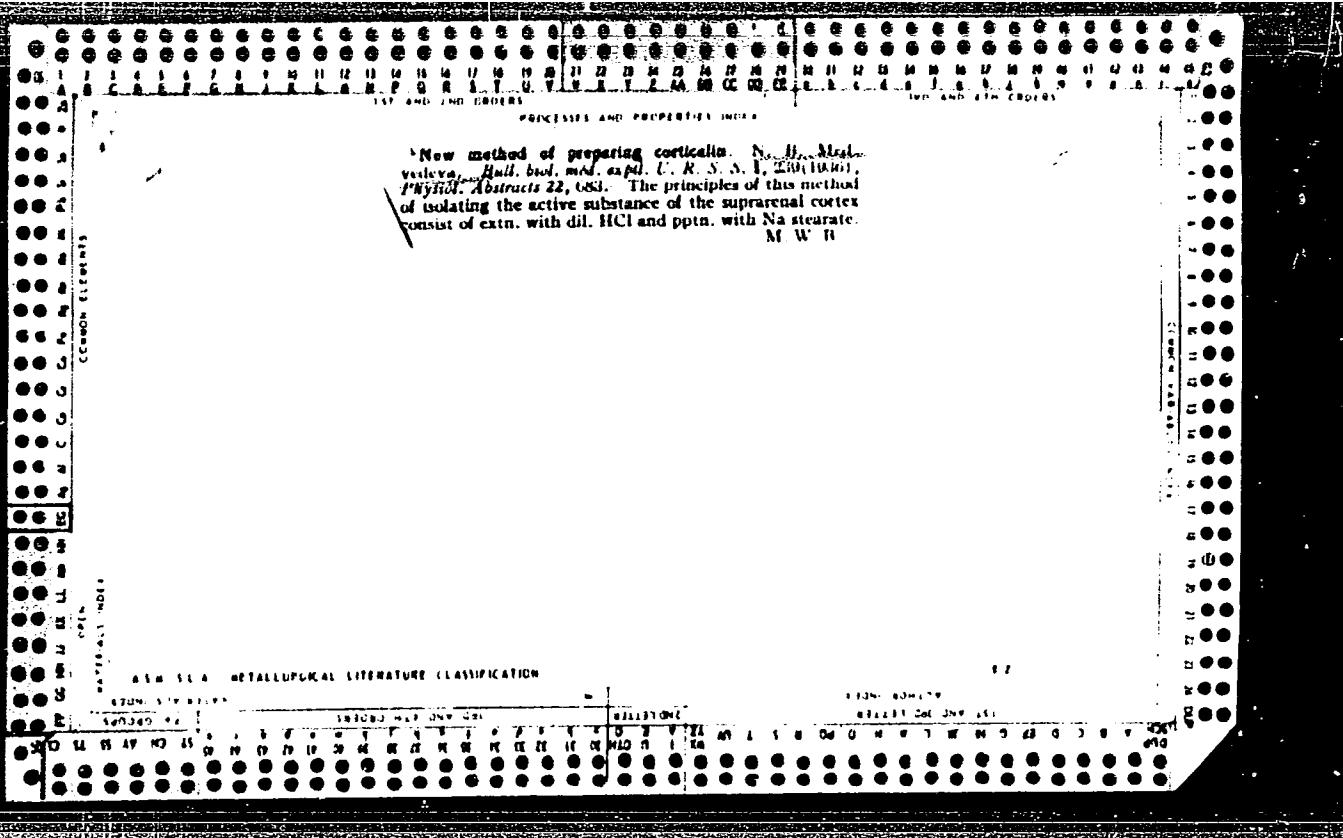
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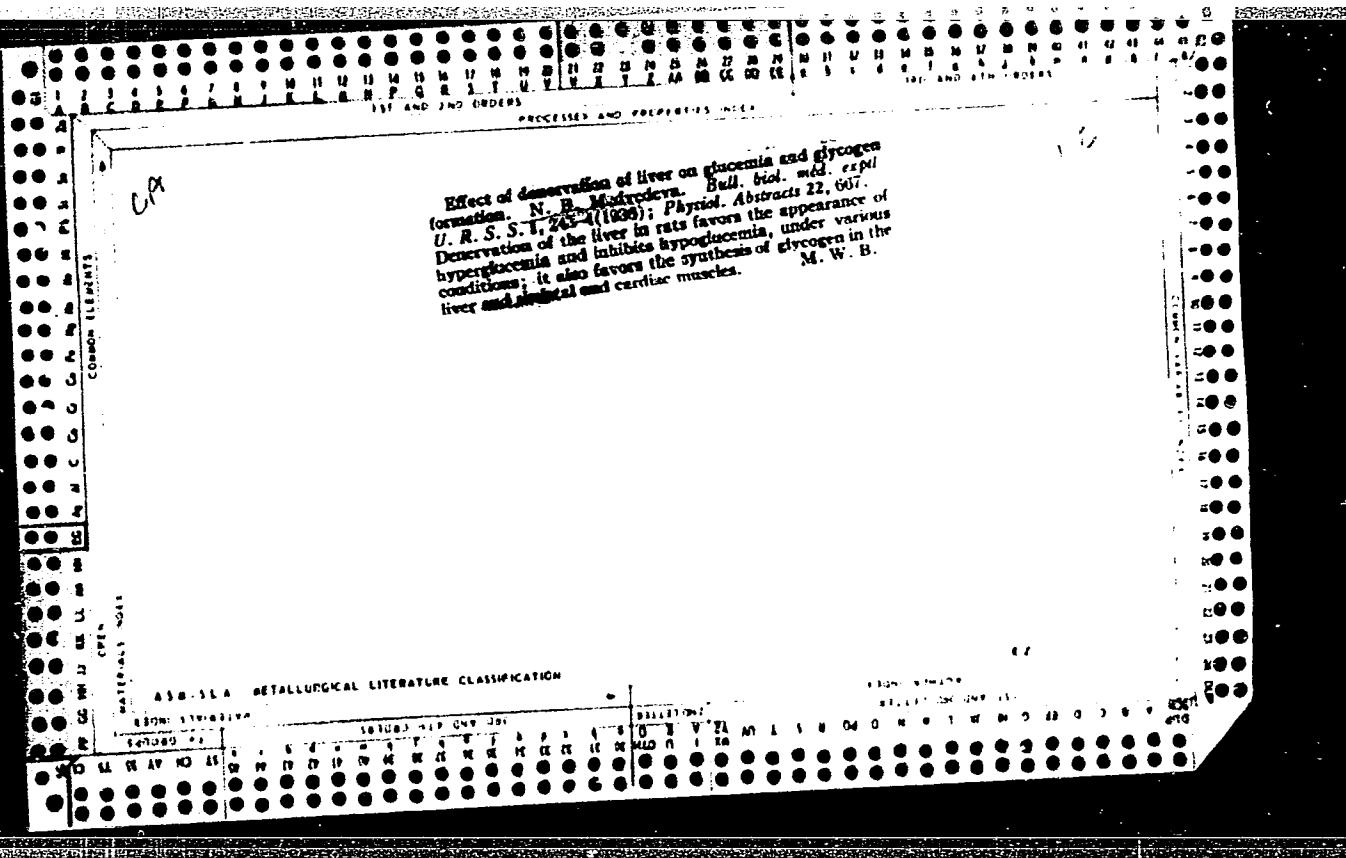
MEDVEDEVA, Nat. B.

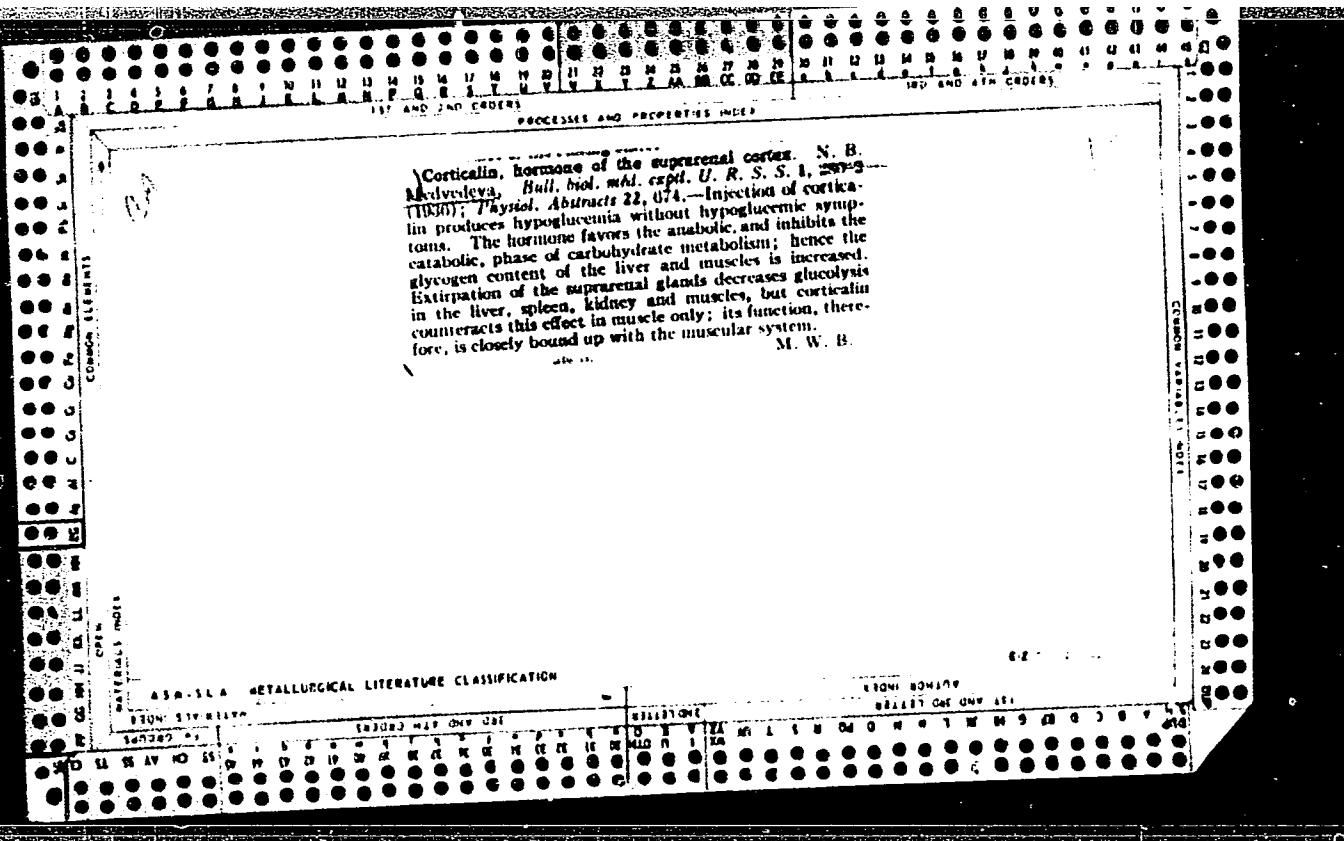
In vitro culture of insect tissues. Report No.1. [with summary  
in English]. Ent. oboz 39 no.1:77-85 '60. (MIRA 13:6)

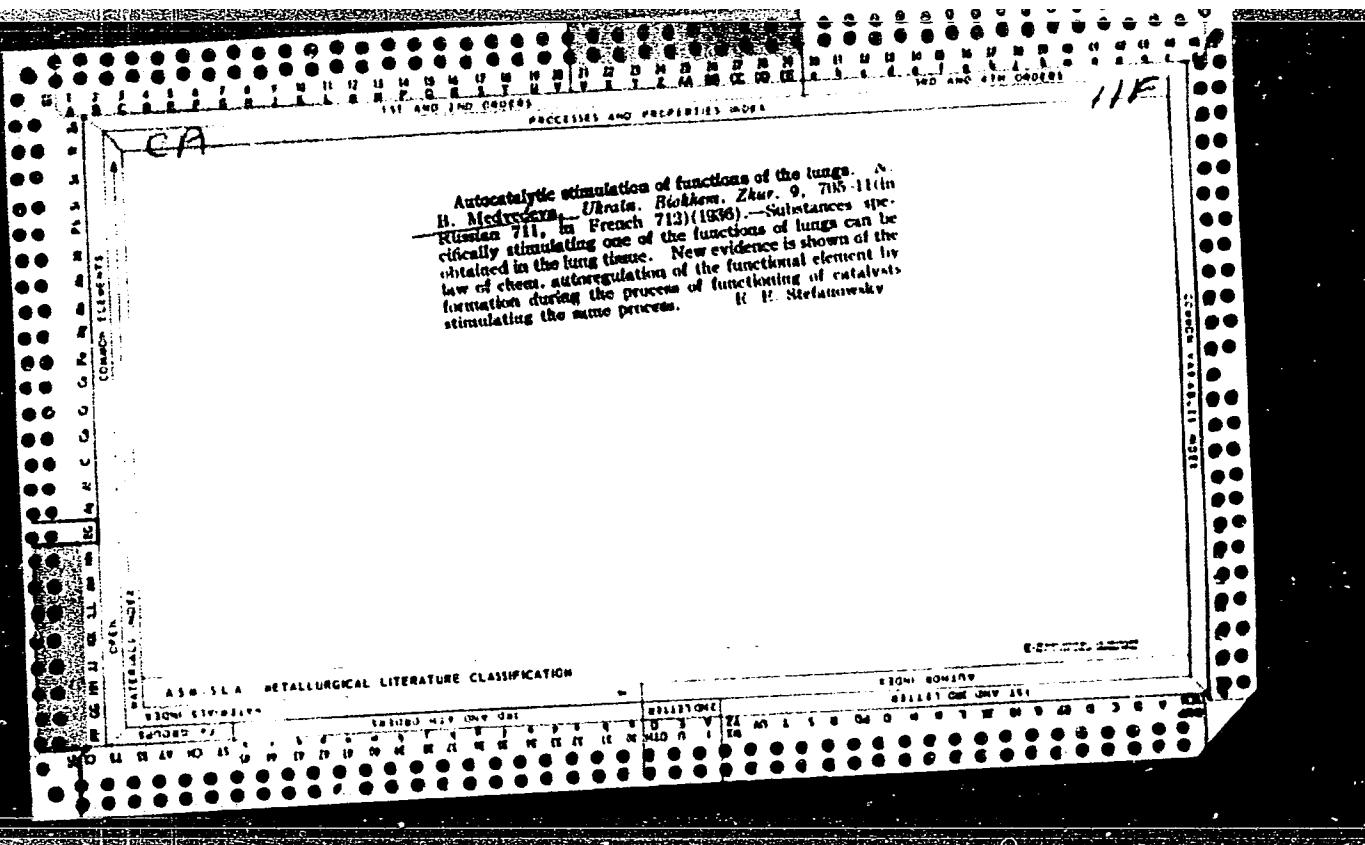
1. Otdel genetiki Instituta zoologii AN USSR, Kiyev.  
(Tissue culture) (Insects)







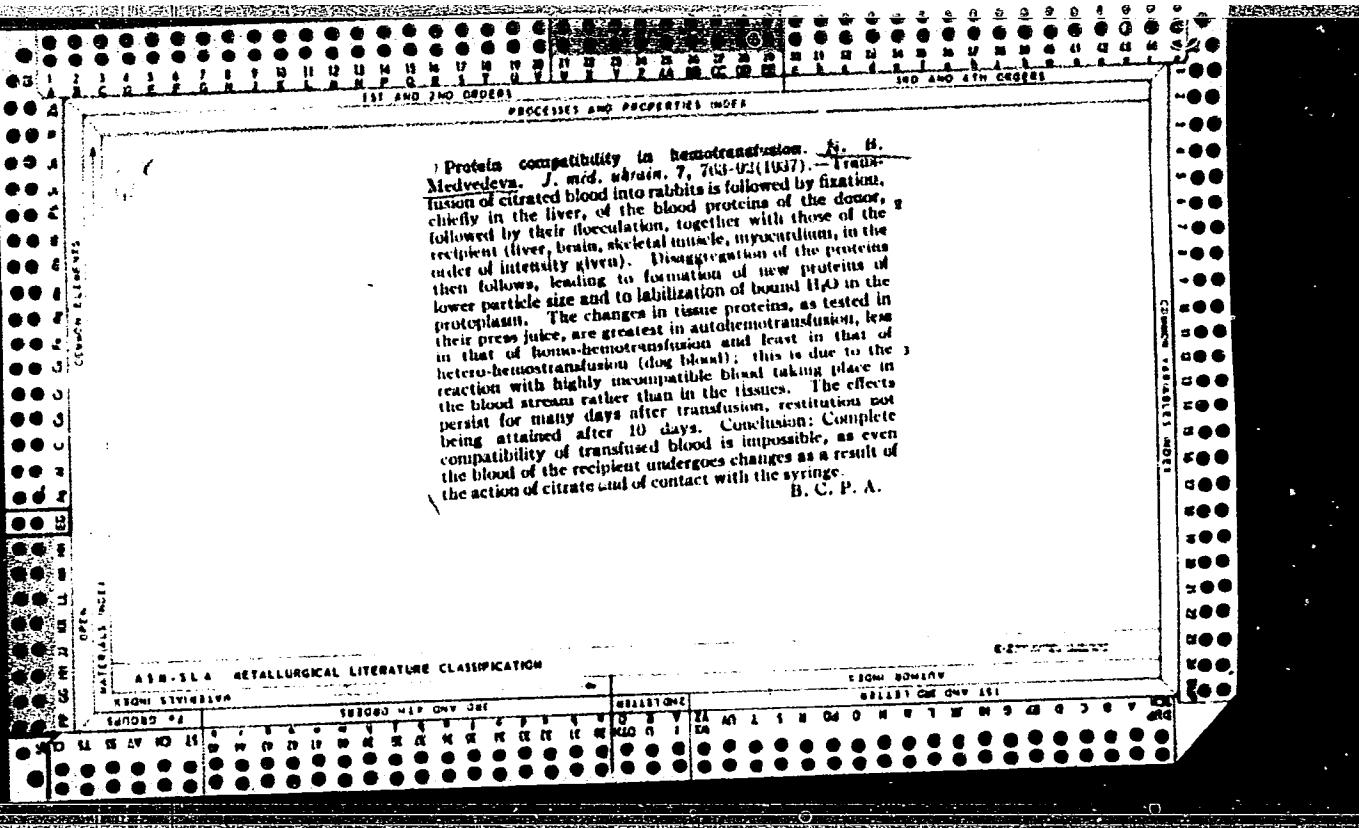


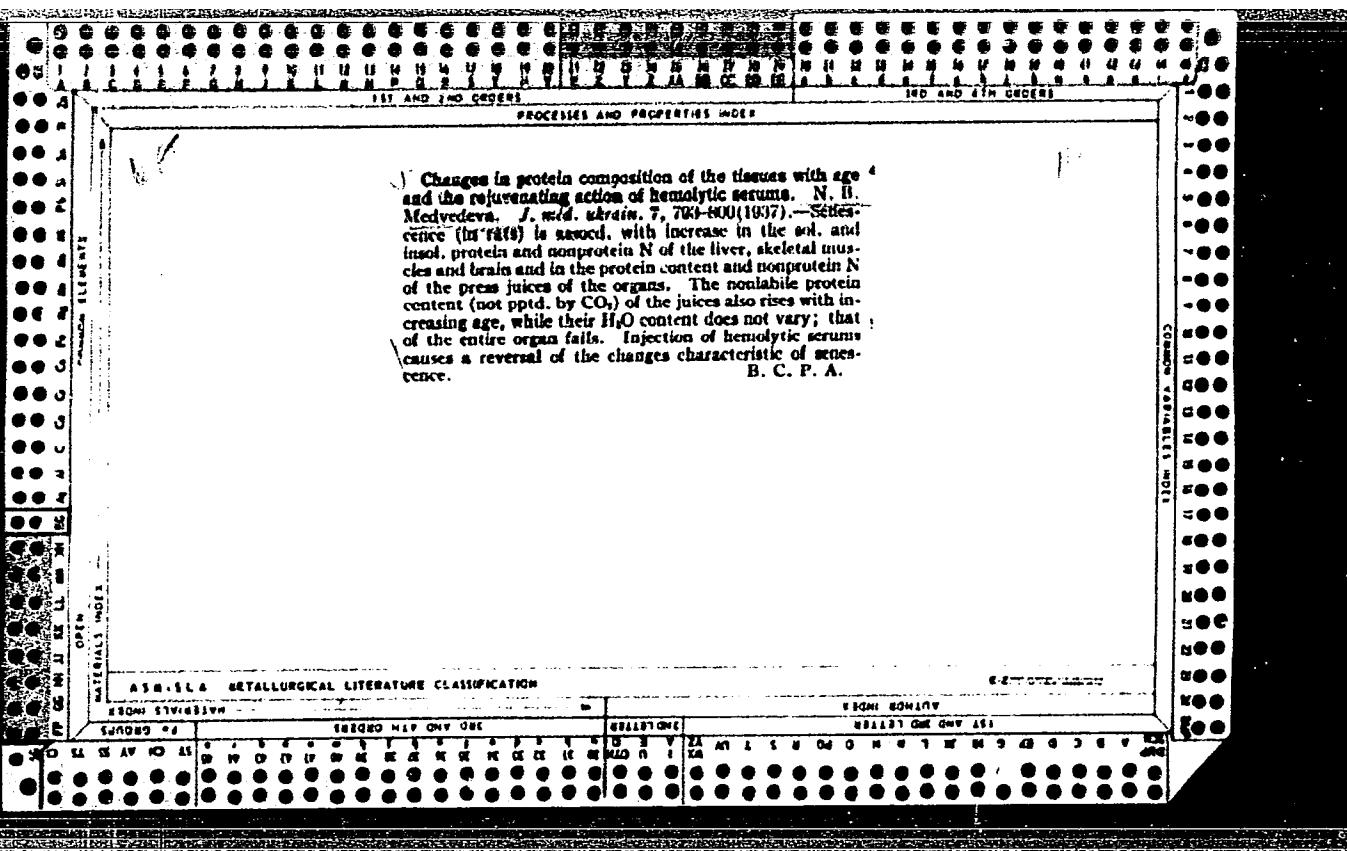


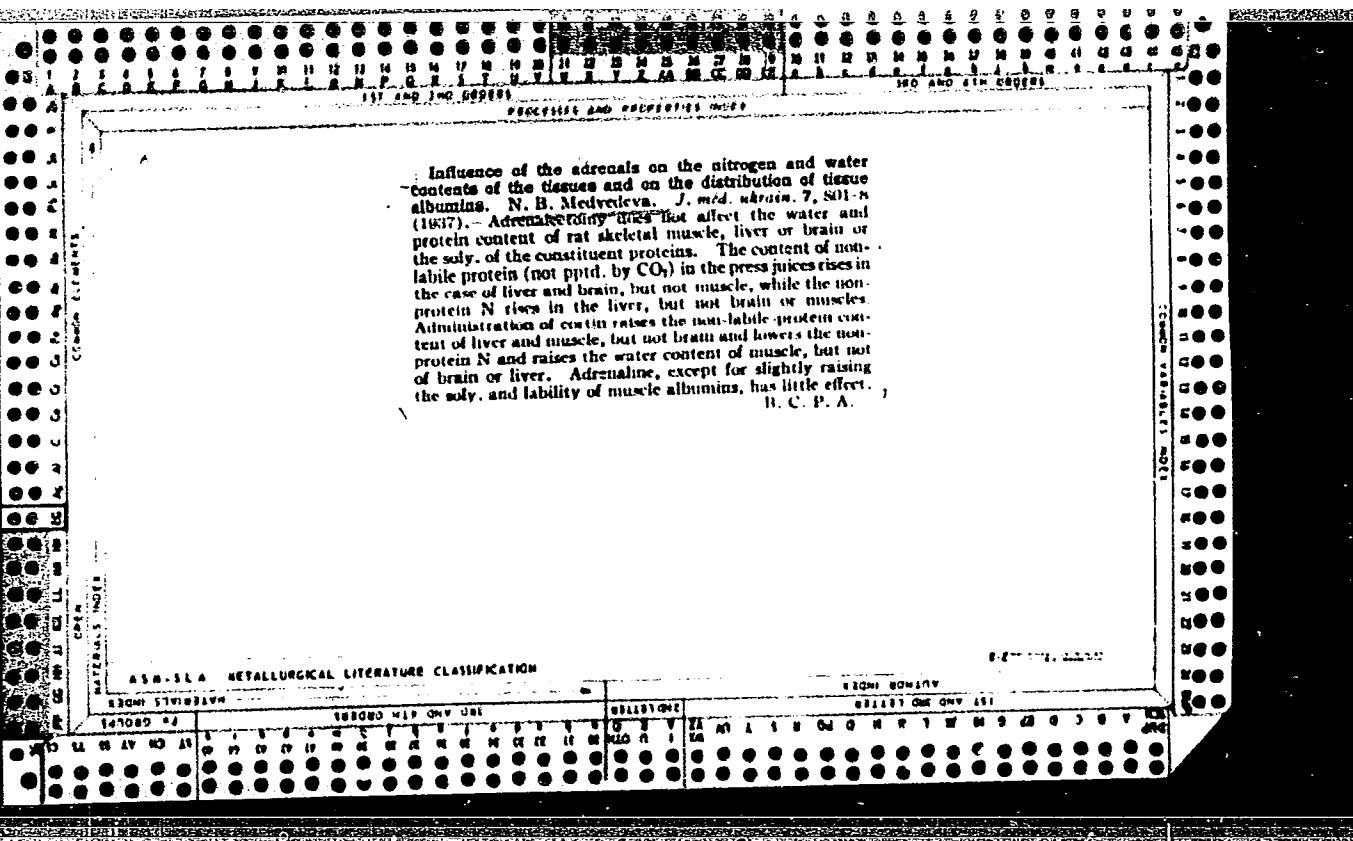
MEDVEDEVA, N. B.

"Chromoproteids and their derivatives in the animal organism." (p. 544) by Medvedeva, N. B.

SO: Advanced in Contemporary Biology (Uspeshki Sovremennoi Biologii) Vol. VI, No. 3 1937

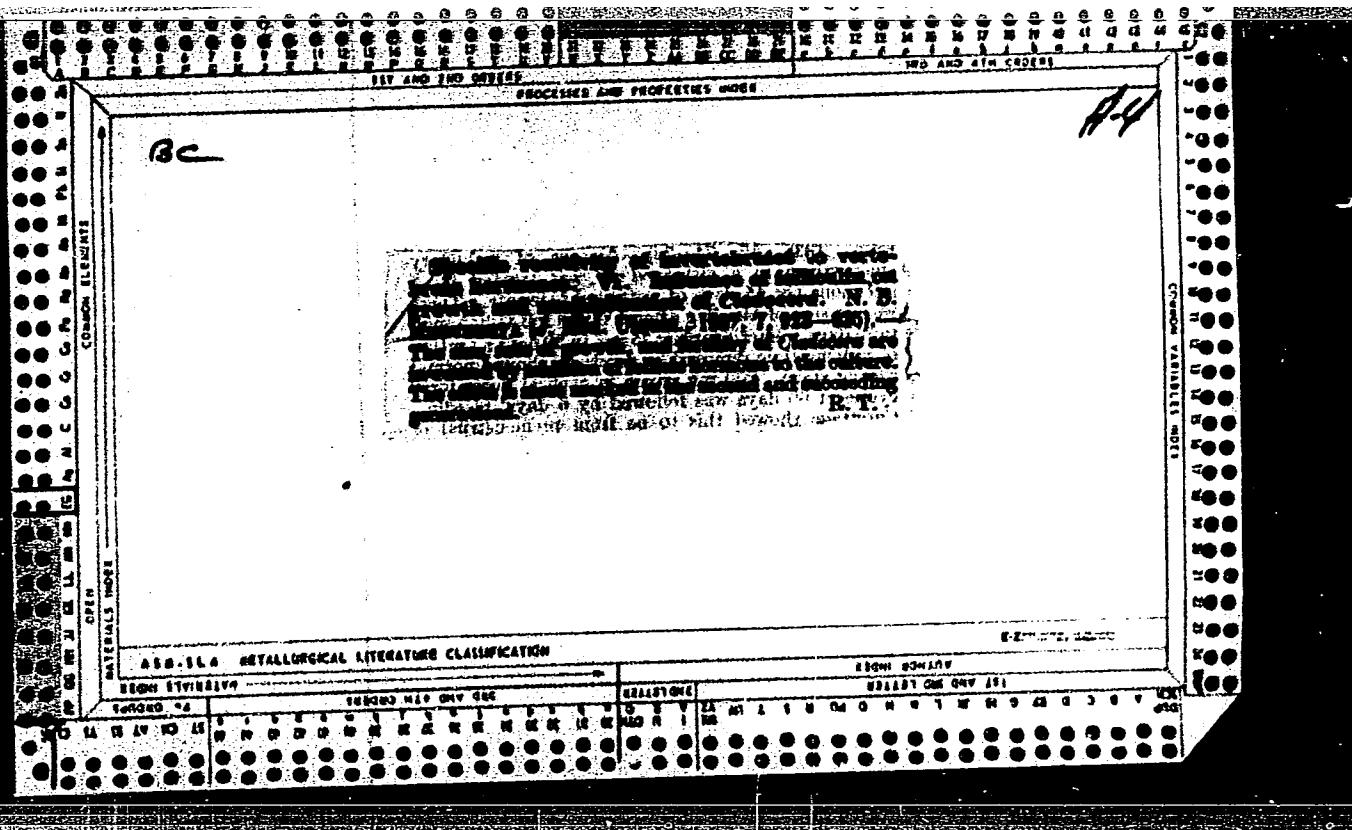






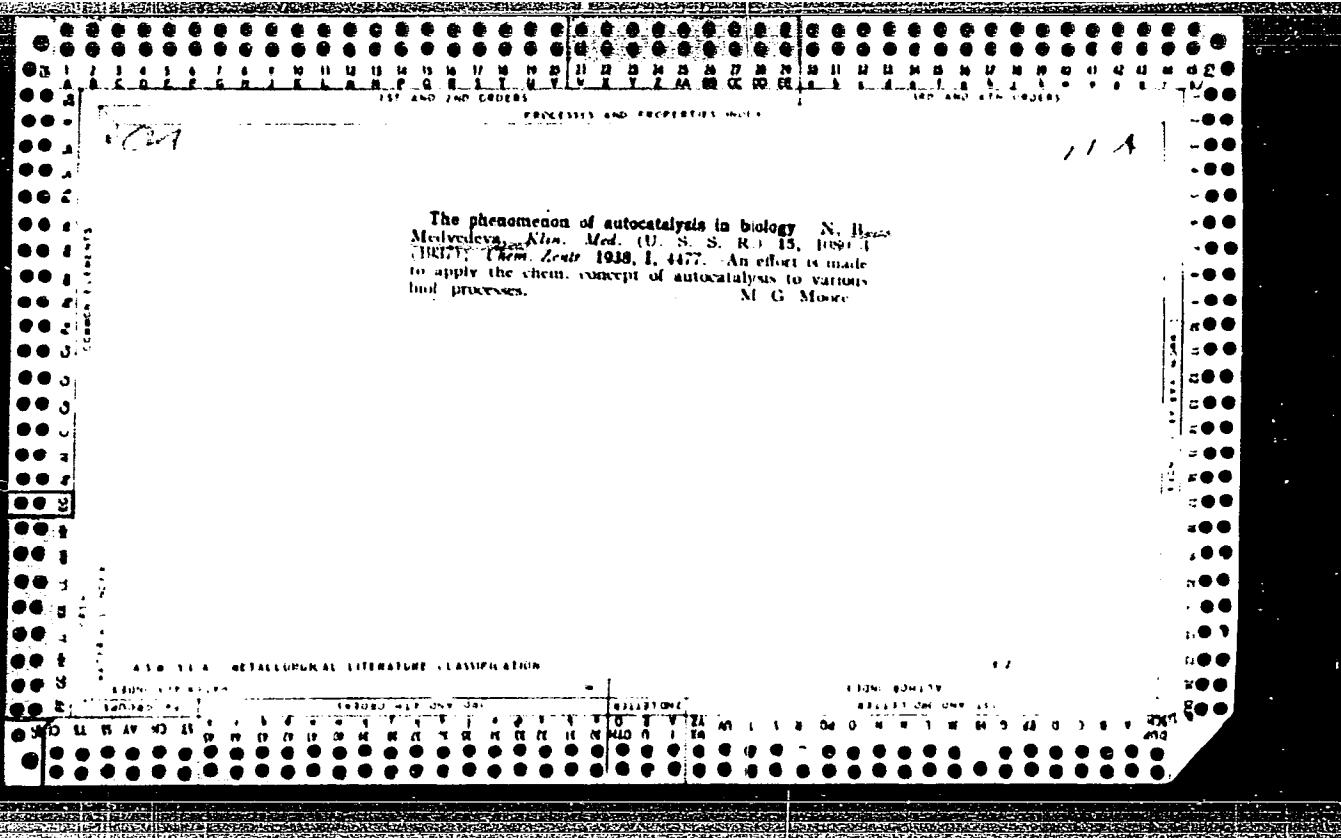
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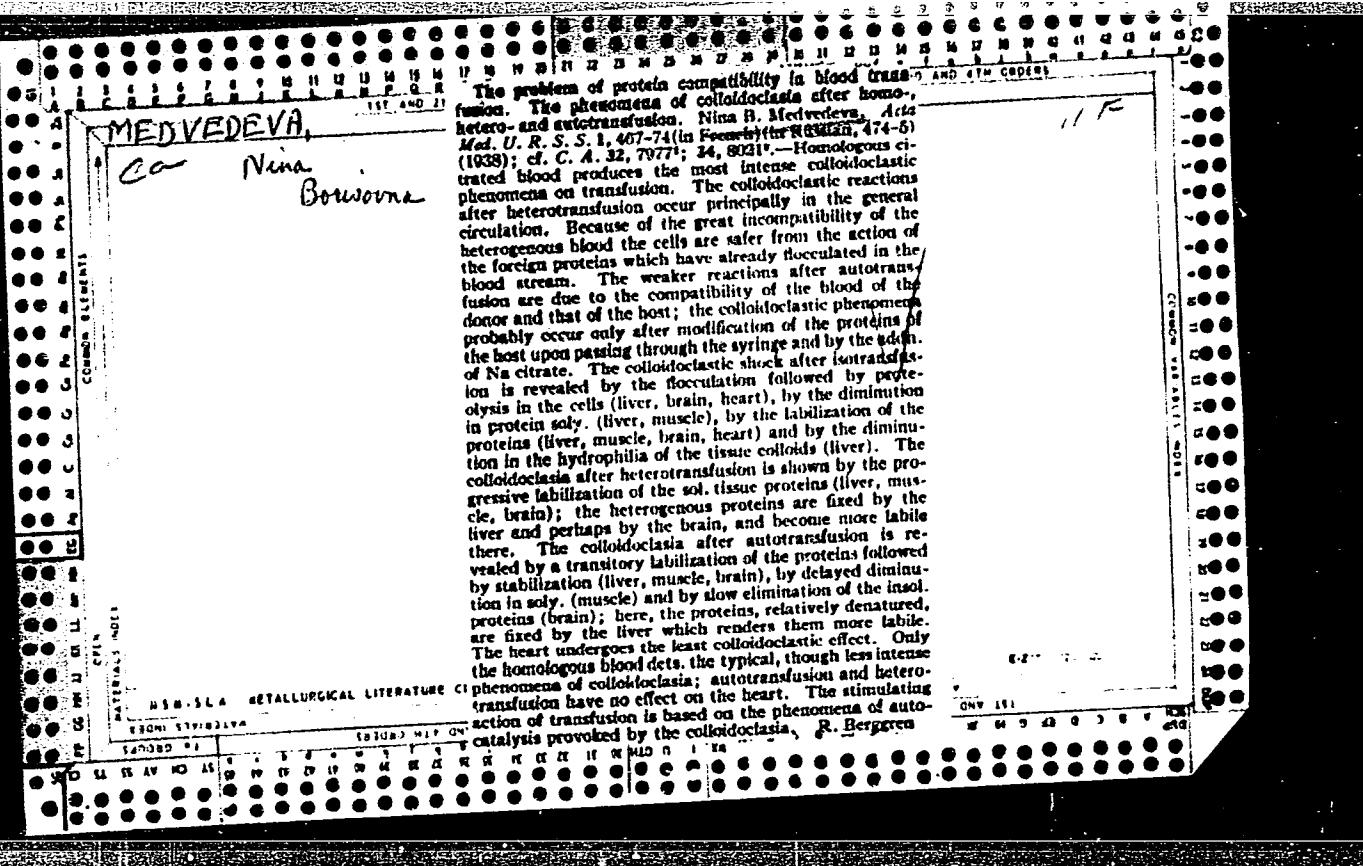
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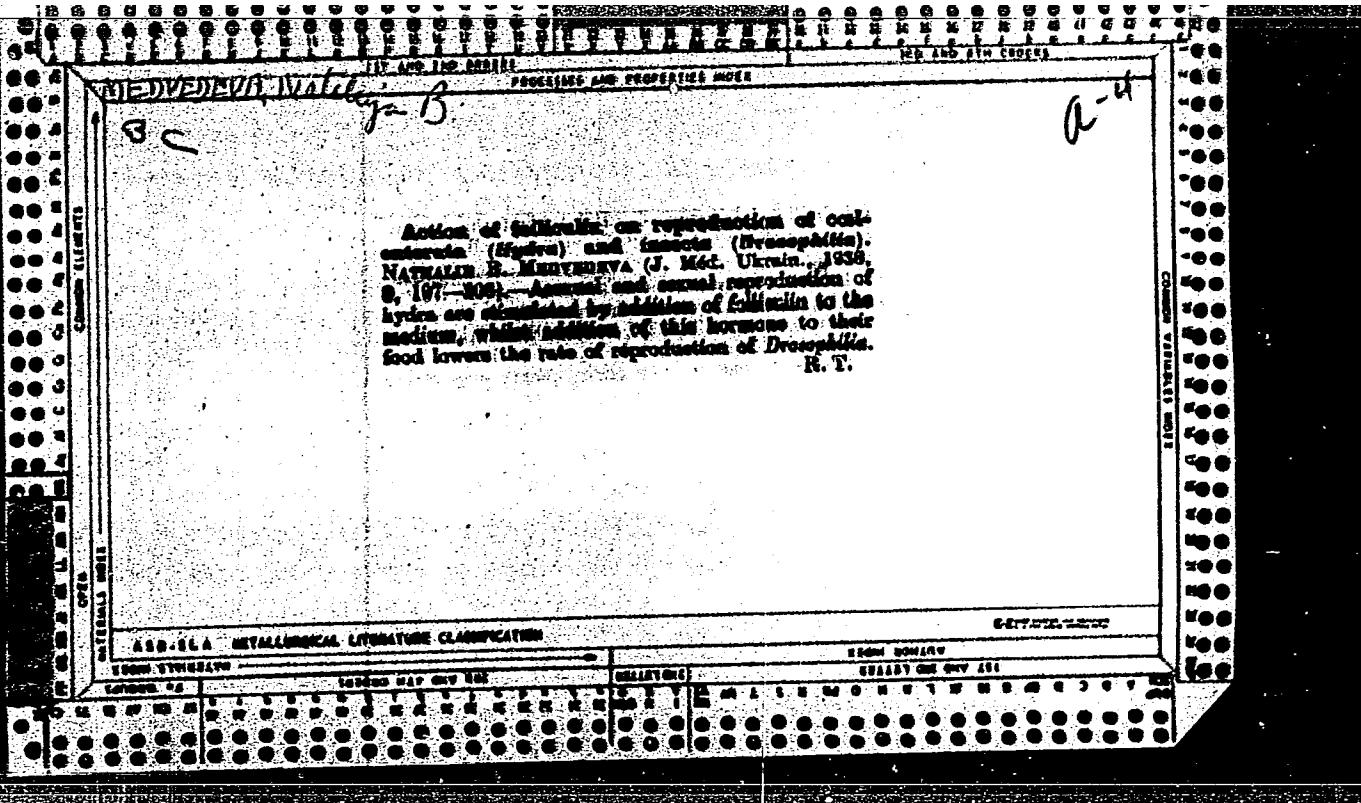


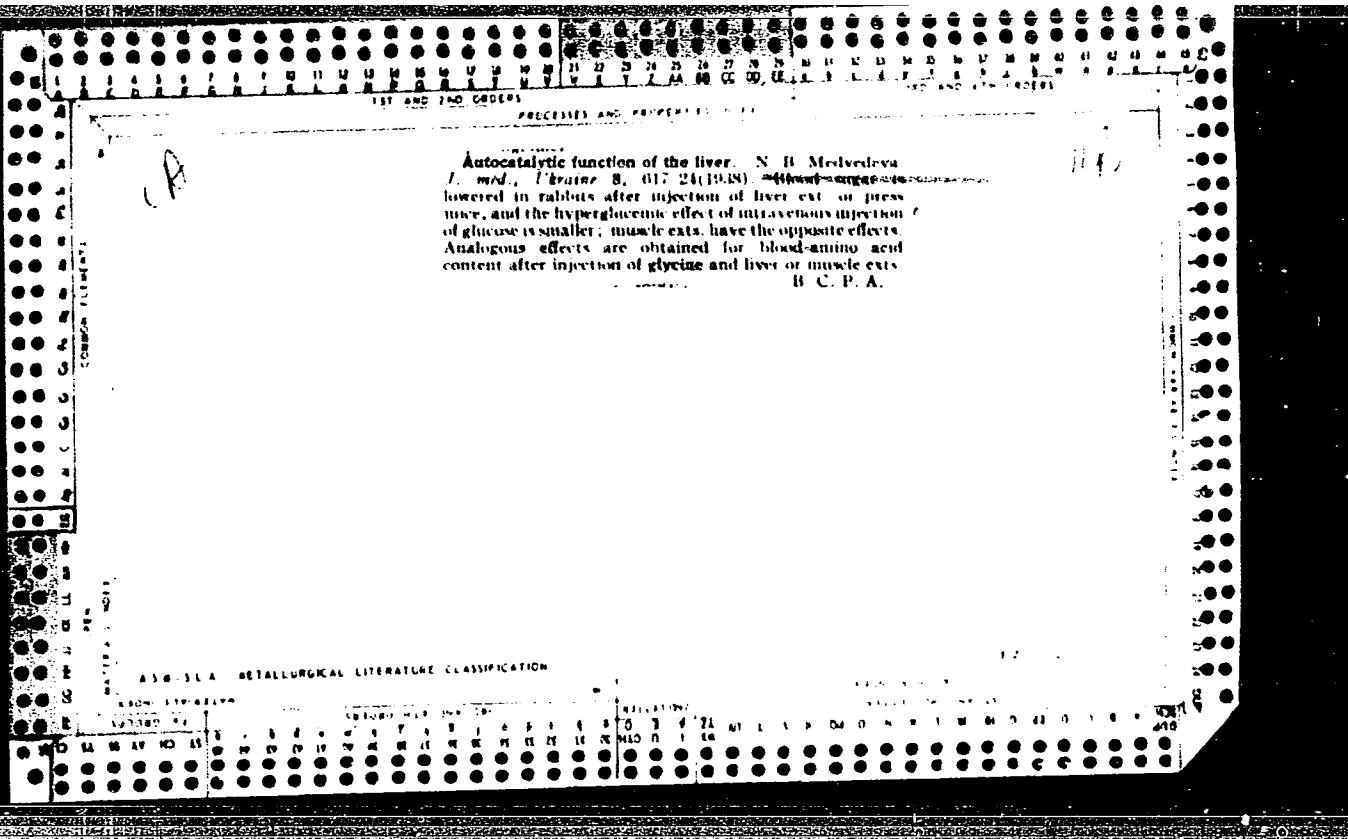
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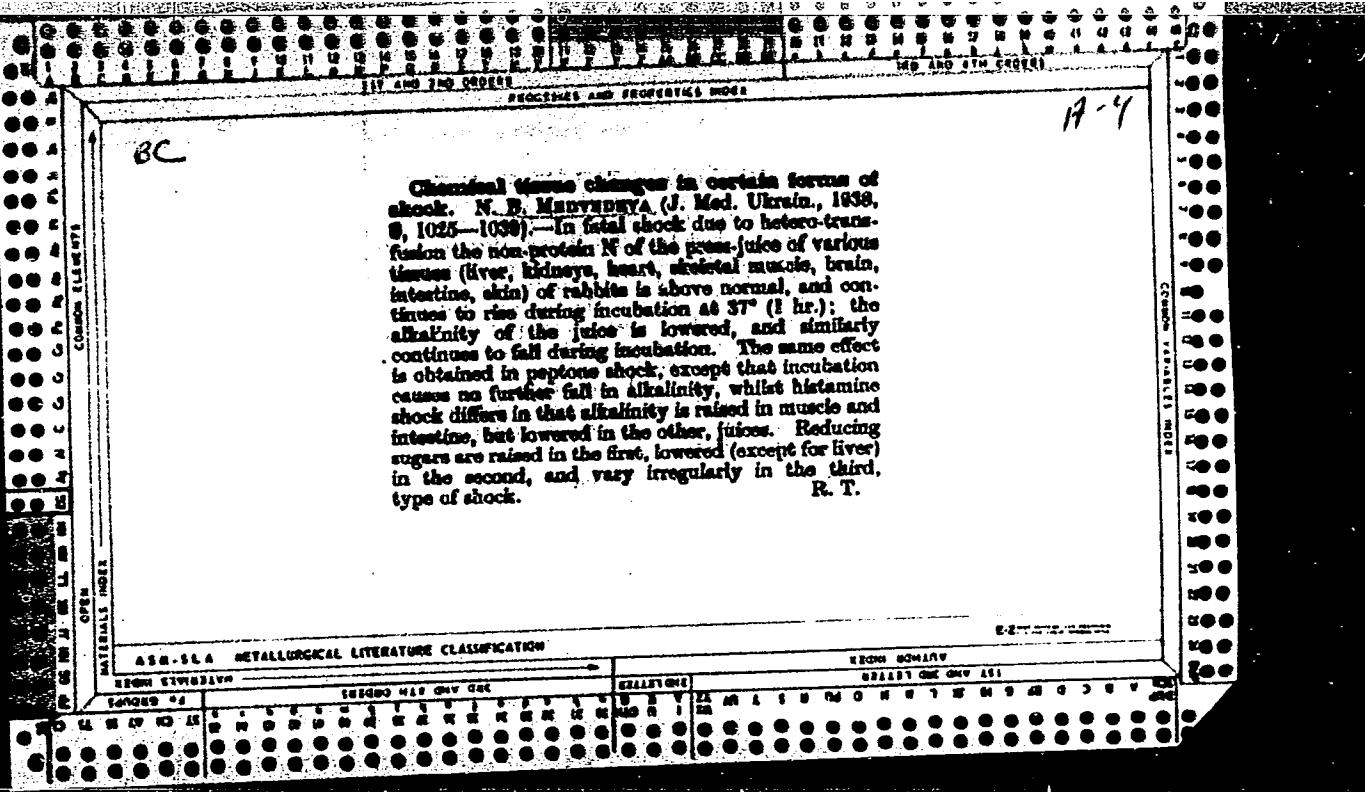
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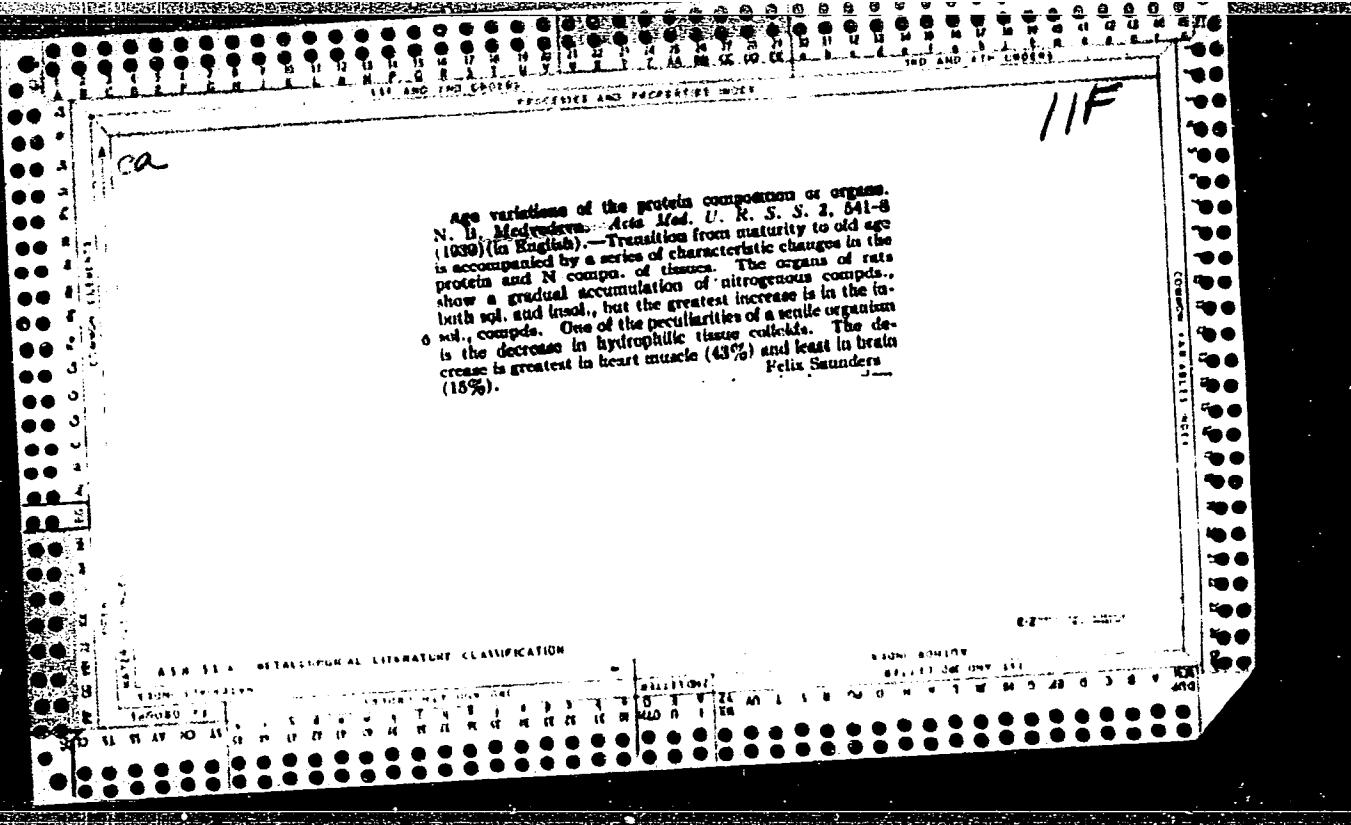


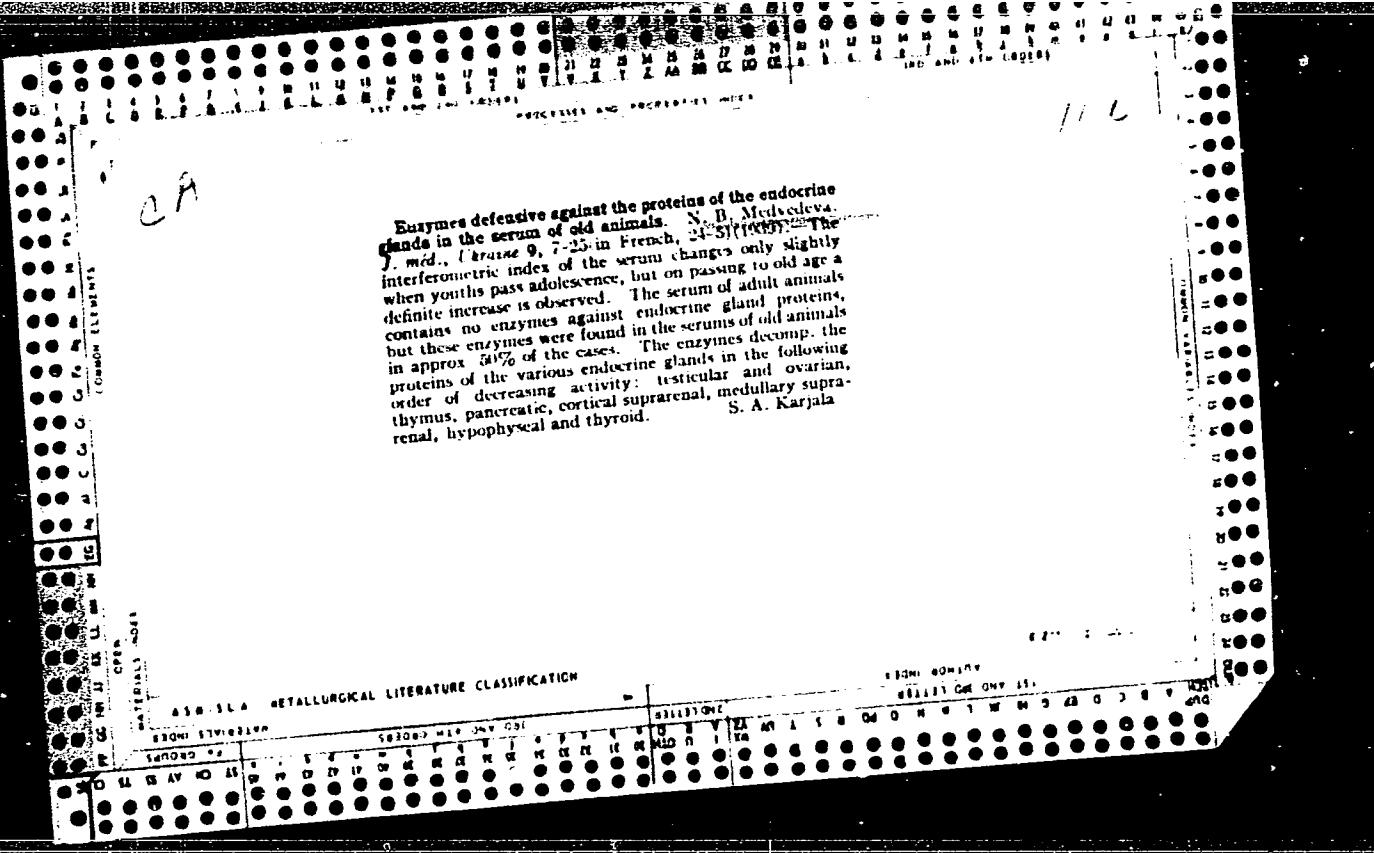




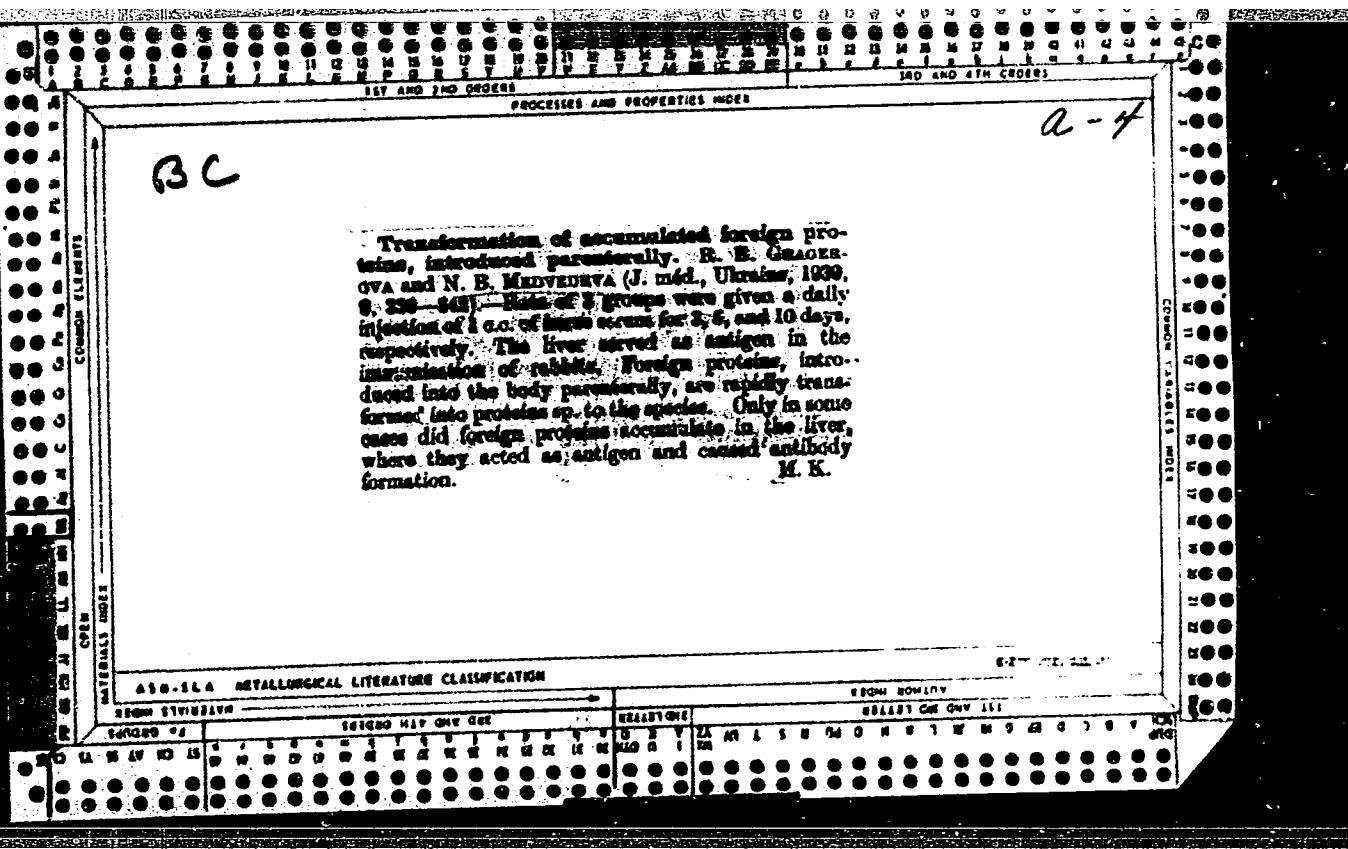


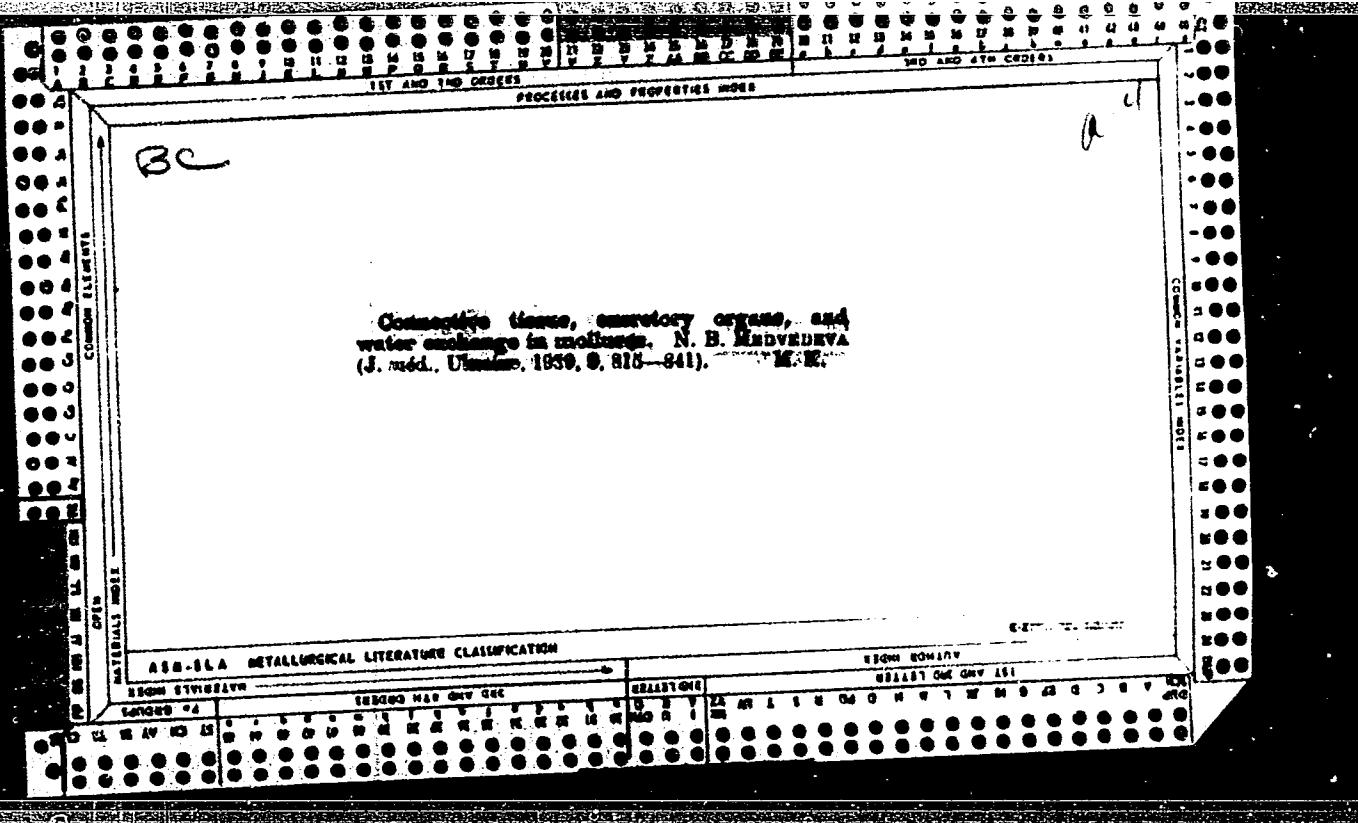








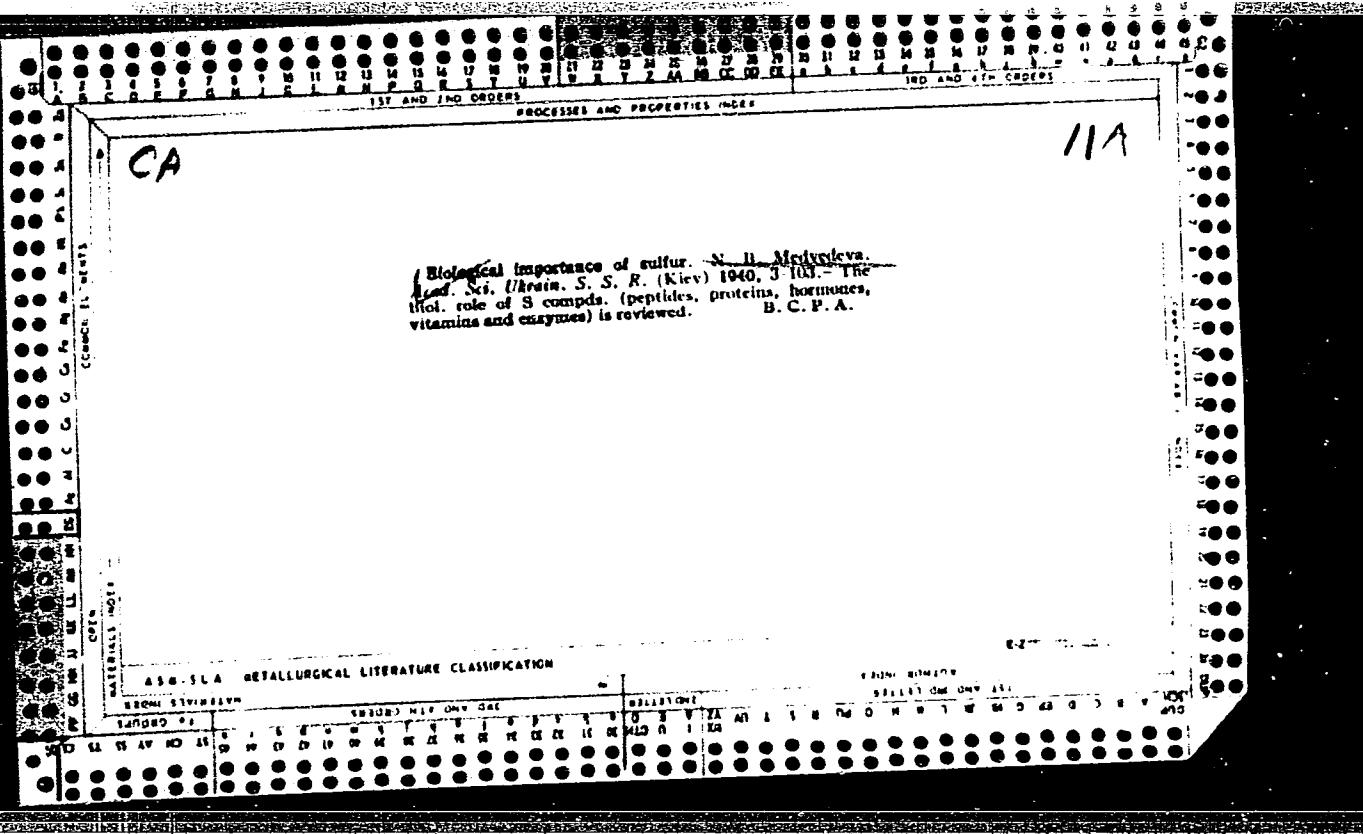


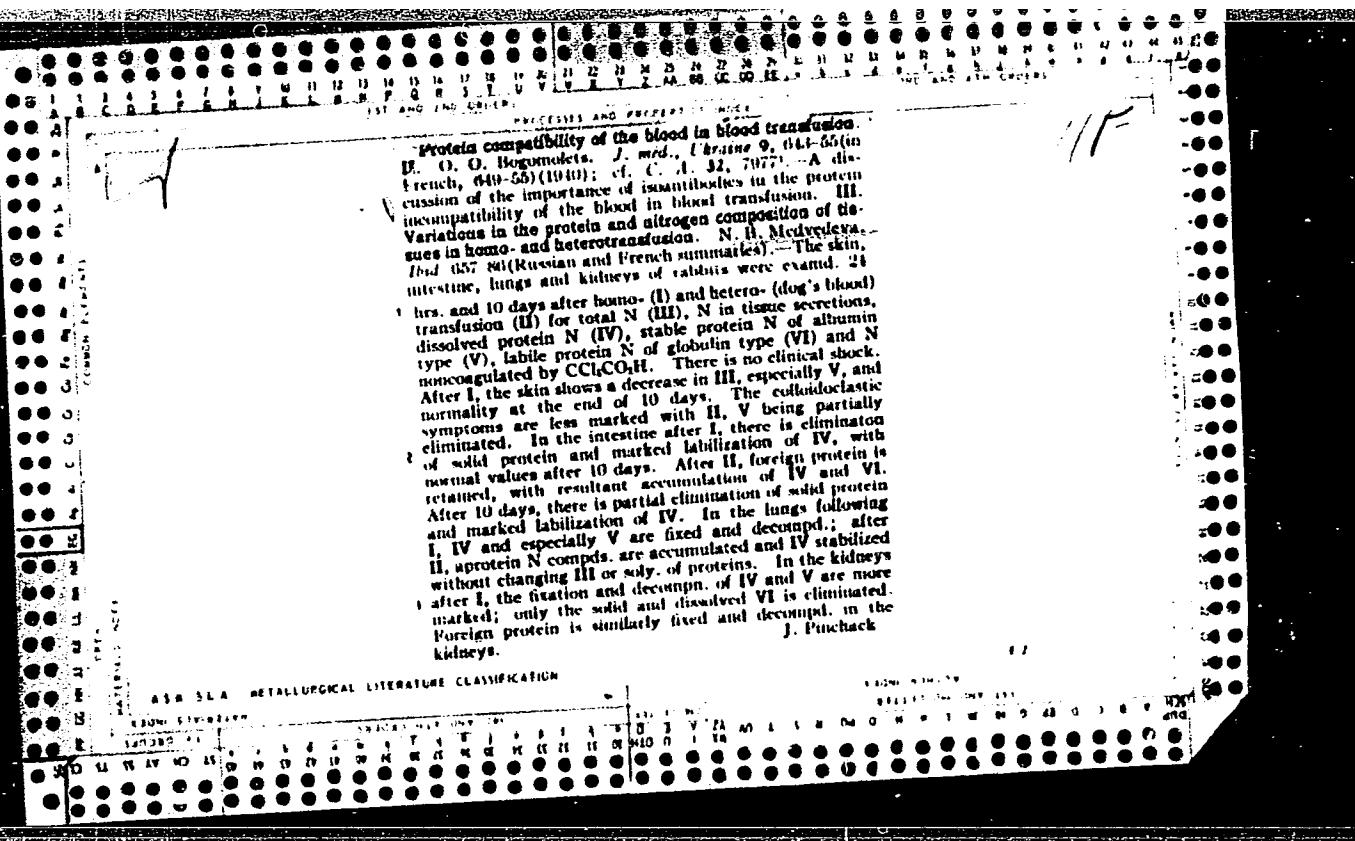


MEDVEDEVA, NAT.<sup>olypa</sup> B.

"The Evolution of Humoral Regulation of the Functions of Organisms" (p. 222)  
by Medvedeva, Nat. B.

SO: Advances in Contemporary Biology, (Uspekhi Sovremennoi Biologii), Vol. X, No. 2,  
1939

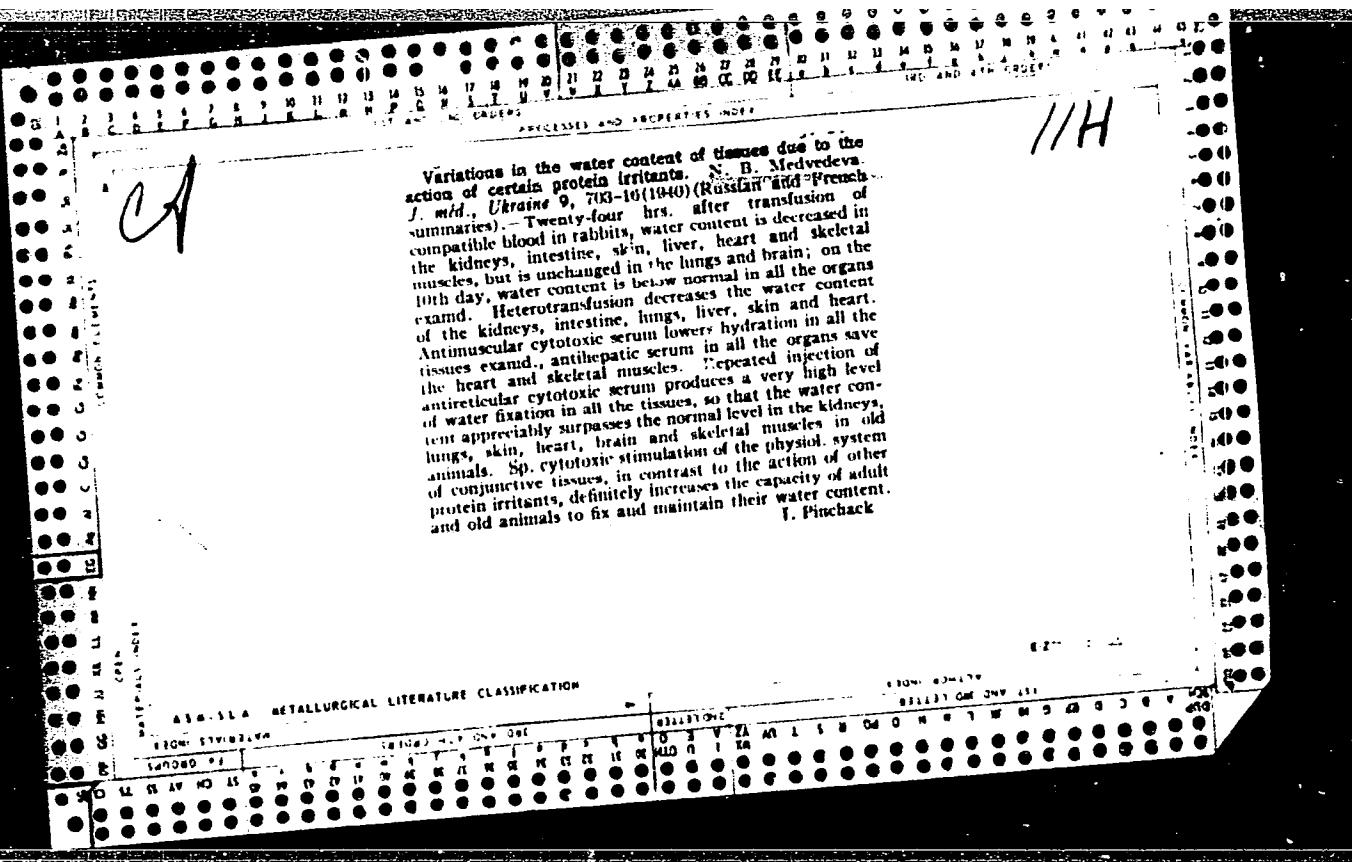




Formation of protective serum proteins with specific and nonspecific protein irritants. N. B. Medvedeva. *J. med. Ukrainsk. 9, 687-702(1940) (Ruszen and French summaries).* The serum of adult rabbits does not decompose the opsonins of the kidneys, spleen, brain, skeletal muscles, intestine, skin, liver, heart, pituitary, thymus, pancreas, sex organs and adrenal and interrenal tissues. Half of these opsonins are decomposed by the serum of old animals. An injection of antireticular cytotoxic serum (II) results in the formation of protective cytotoxic (III) in adult animals and appreciable reinforcement of the production of II in old animals. Antimuscular cytotoxic serum gives the same result, which is, however, transitory and slight. After a latent period, antihepatic cytotoxic serum produces II against all the organs above except the kidneys. Transfusion of homogeneous blood does not yield II, but II against certain organs are formed after heterotransfusion; these II disappear entirely at the end of 10 days. The action of I can be considered as evidence of a sp. stimulation of the physiol. system of conjunctive tissues. J. Pinchack

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*CH**11H*

Effect of certain cytotoxic serums on the protein and  
nitrogen composition of tissues. N. B. Mulyakova  
*J. med. Ukraine* 9, 717-37 (1940) (Russian and French  
summaries).—Antireticular, antihepatic and antimuscu-  
lar cytotoxic serums produced marked changes in the  
protein and N contents of the kidneys, intestine, lungs,  
skin, liver, heart, brain and skeletal muscles of rabbits.  
These are enumerated. J. Pinchack

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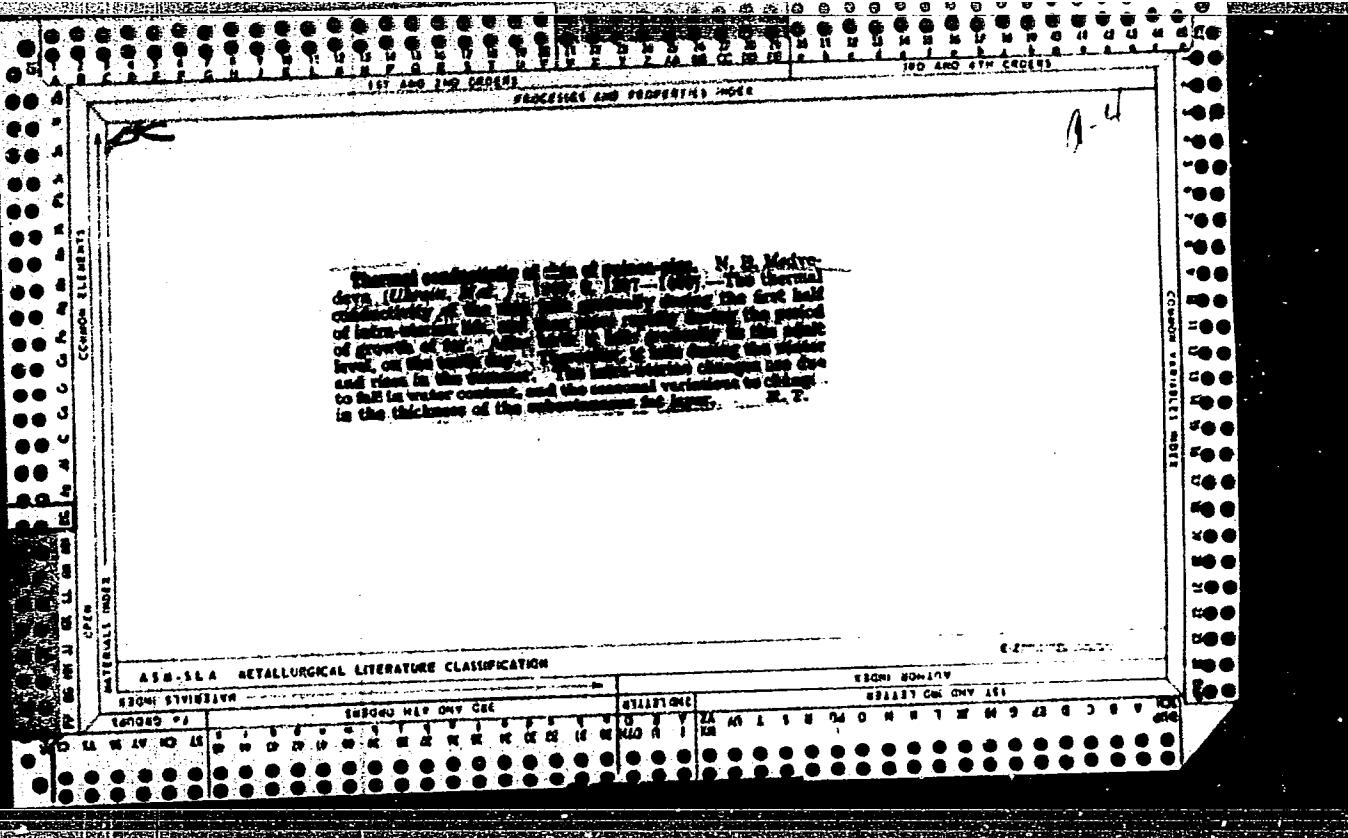
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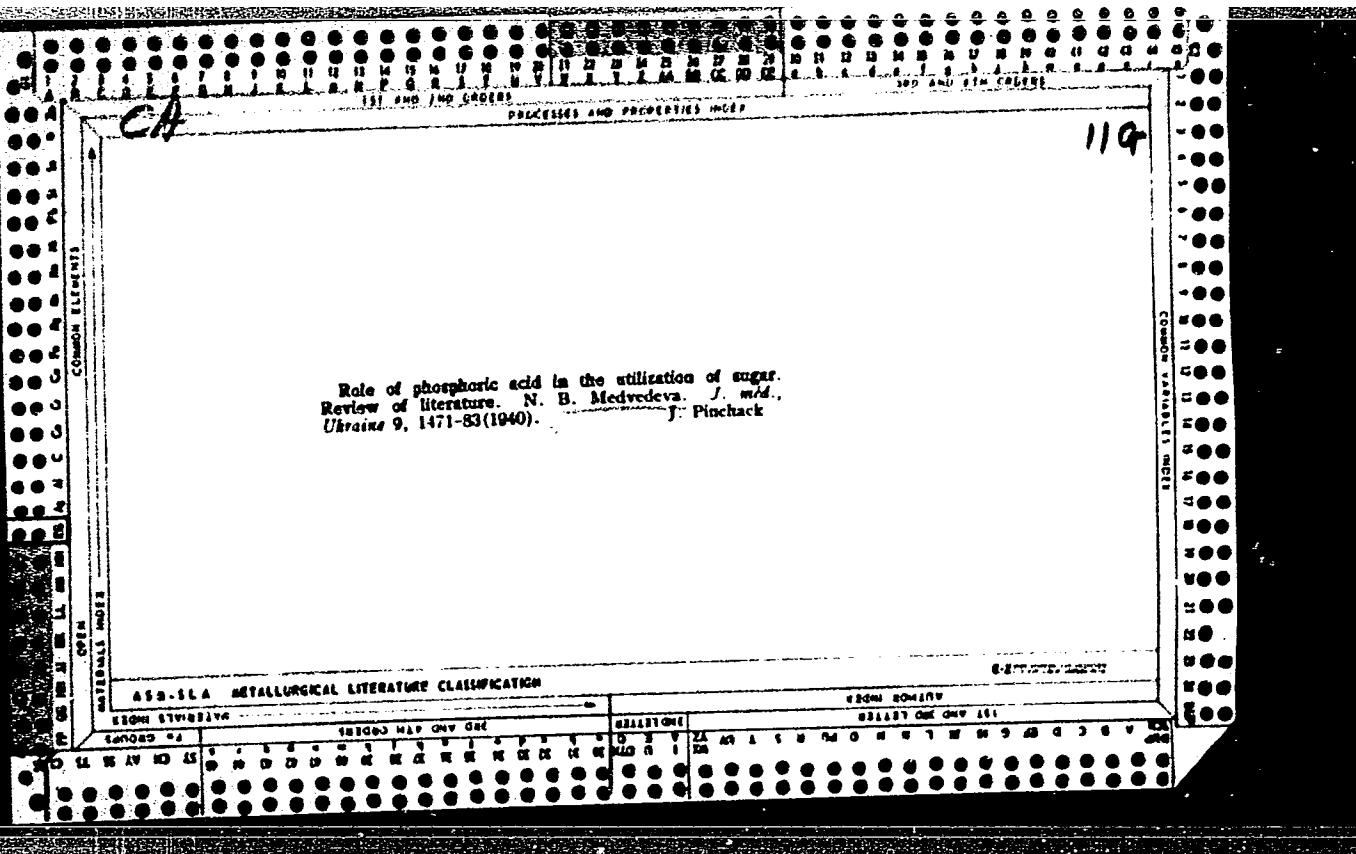
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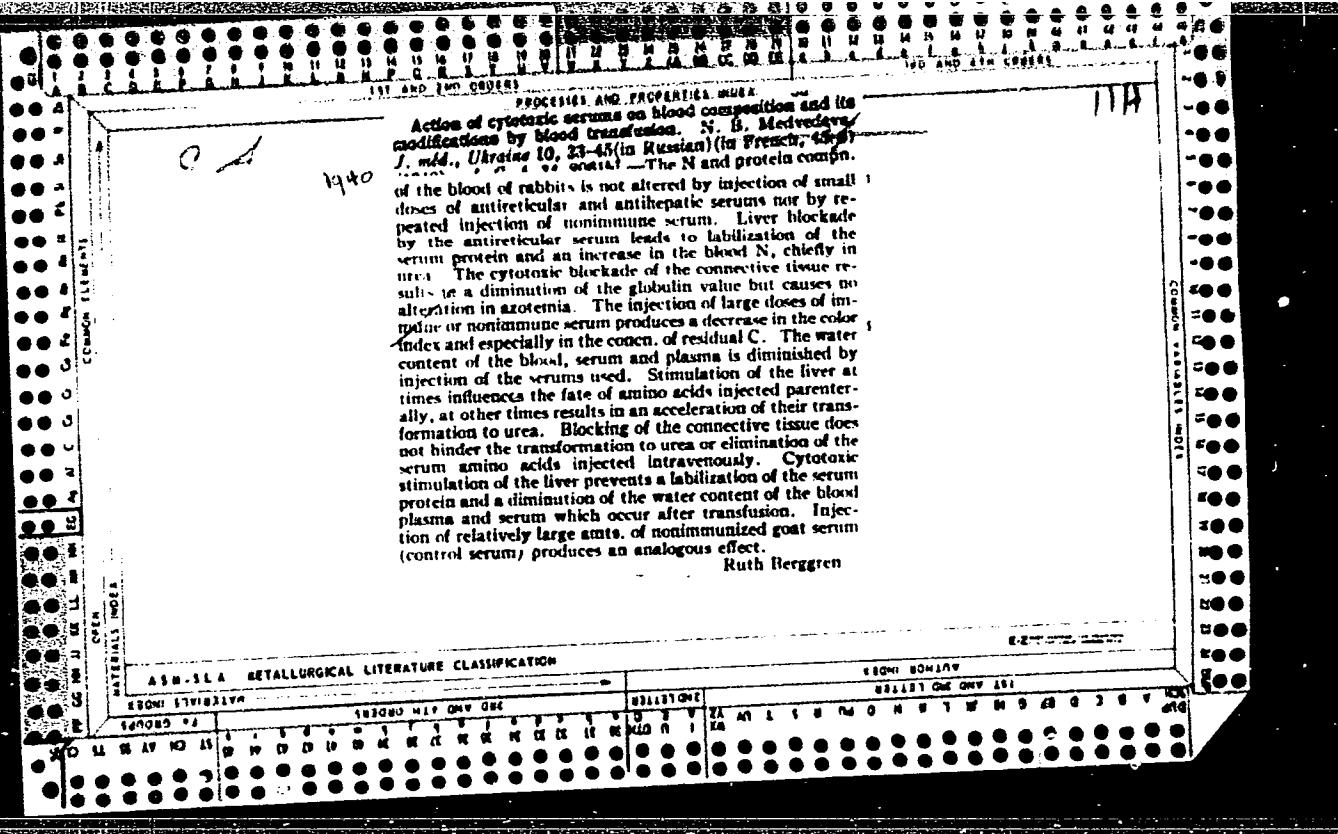
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*Co*

The action of prolonged repeated stimulation of connective tissue on adult and old animals. N. B. Medvedeva. J. med. Ukraine 10, 40-70 (Russian and English summaries) (1940); cf. C. A. 32, 7077; 34, 10319, 1365, 8043; 36, 2602, 4582. - Antireticular cytotoxic serum was injected in adult and old animals for half a year at intervals of 2 months. Each series of stimulation consisted of 3 injections of 0.005 cc. serum. Prolonged stimulation of the connective tissue resulted in const. variations in the protein and N compds. of the tissues. In the liver the protein compds. accumulated chiefly in the form of dissolved protein; the amts. of stable and labile proteins increased regularly. In the old animals the proteins accumulated only in the dissolved form and chiefly in their N increased; the dissolved proteins were stabilized without variation in the total quantity of renal proteins or in the ratio of their solv. In the old animals under the same exptl. conditions the dissolved and nondissolved proteins accumulated and, as in the adult animal, the dissolved protein was stabilized. In the *heart* the residual N increased, while the total amt. of proteins did not vary. The dissolved protein was stabilized. In the old animals the N was stabilized. The total quantity of the N compds. and the ratio of their solv. did not vary. In the *skeletal muscle* of the adult animal there was an insignificant increase in the quantity of nondissolved and nonprotein compds.; the concn. of dissolved N compds. and of protein compds., like the protein fractions, did not vary.

In the old animals the proteins accumulated chiefly in form of dissolved protein; the stable protein of the albu-min type (stable in old age) was restored and the non-protein N compds. (accumulated in old age) were eliminated. In the intestine of the adult animal the dissolved protein and N compds. increased, while the other protein increased exclusively as the dissolved protein (chiefly of the albumin type); the residual N (accumulated in old age) was eliminated in part. In the lung of the adult animal protein of the globulin type was decomposed intensively; the dissolved protein was stabilized; the total proteins, like the N compds., did not vary. In the old animal the nondissolved and residual N (accumulated in old age) were diminished; the dissolved protein was stabilized. In the skin of the adult animal the total N and residual N was partly eliminated. In the old animal the protein of the globulin type was partly eliminated; the concn. of nonprotein N increased. The dissolved protein in both the adult and old animals acquired the characteristics of a more stable protein. The total amt. of N did not vary. In the brain of the adult animals the solv. of the proteins increased; this was connected with an accumulation of stable protein of the albumin type. The residual N increased. In the old animals the N and protein compds. were present in the dissolved form. In the press juice the concn. of all the N fractions, especially the protein fraction, increased; of the proteins the most evident increase was in the concn. of the stable protein fraction. In the adult animal which had received injections of the antireticular serum over a long period, the water absorption of the liver, kidney, heart, brain, skeletal muscle, intestine, skin and lung diminished; in the old animal the water absorption of these tissues, with the exception of the

11G

ASM-SEA METALLURGICAL LITERATURE CLASSIFICATION

CLASSIFICATION SHEET 412 GND 014

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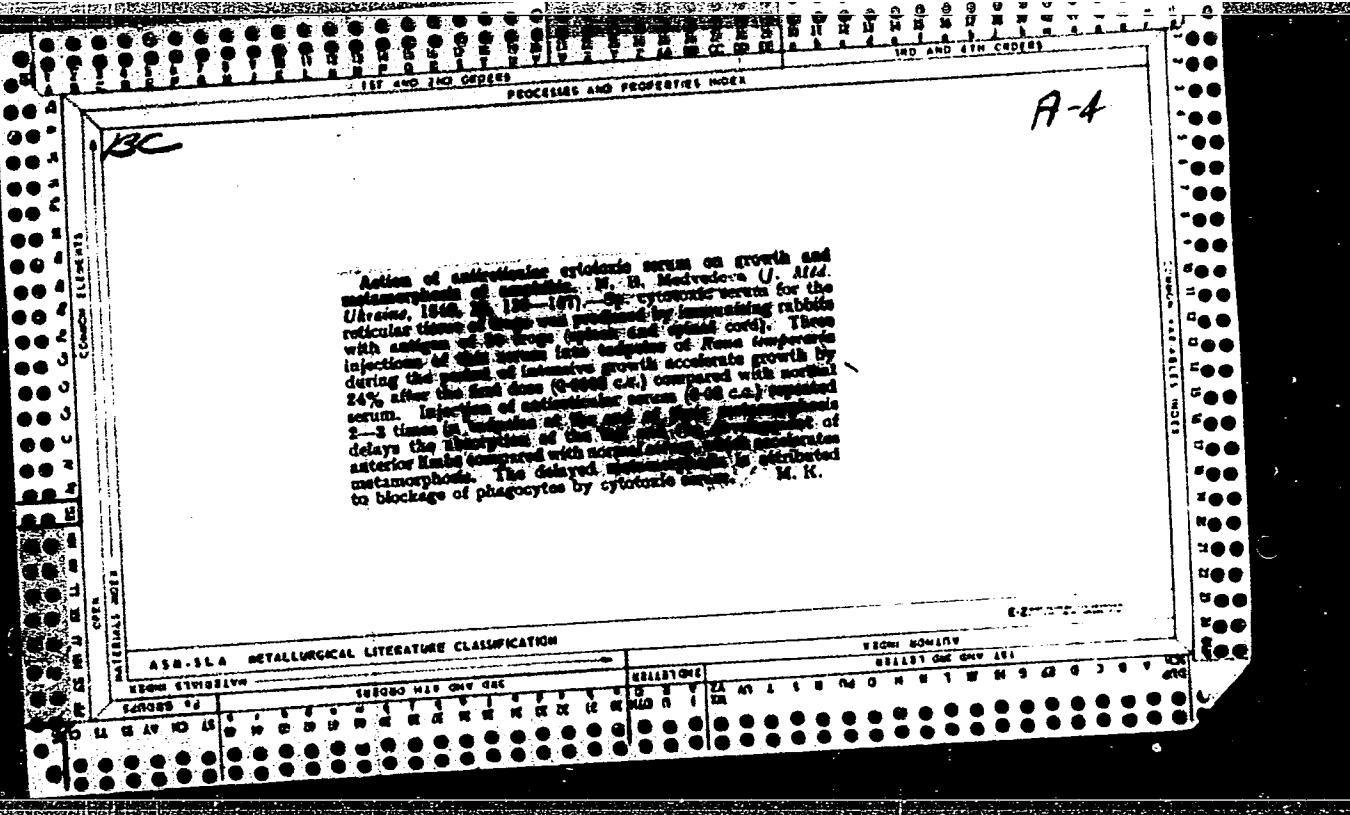
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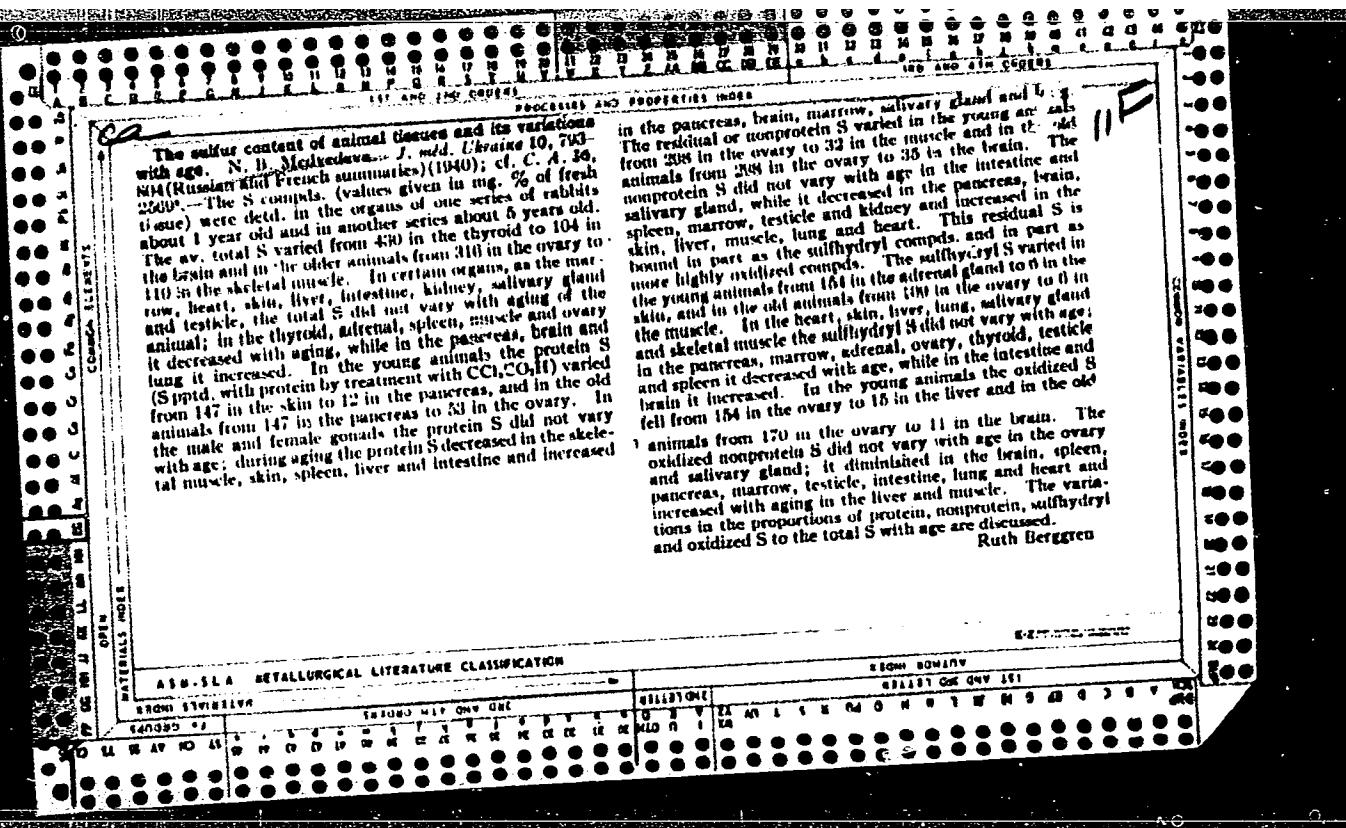
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muscle tissue, was less than that of the adult control animal. The stimulation of the connective tissue in the adult animal led to the formation of protective enzymes against the kidney, spleen, intestine, muscle, brain, skin, liver, heart, pituitary, adrenal (adrenal and interrenal tissue), thymus, thyroid, pancreas and the gonads (of both sexes). However, this reaction was not permanent; in 6 months, in spite of repeated stimulation, the protective enzymes disappeared from the serum. In the old animals these enzymes were formed spontaneously. If the stimulation was repeated for a long period the formation of these enzymes increased, then fell. In most of the cases the protective enzymes finally disappeared from the serum. Prolonged, repeated stimulation of the physiol. system of the connective tissue produced in the old animal a favorable reaction; it had a restorative effect, as shown by the change in the N and protein compn. of the tissues and the elimination of the protective enzymes from the serum.

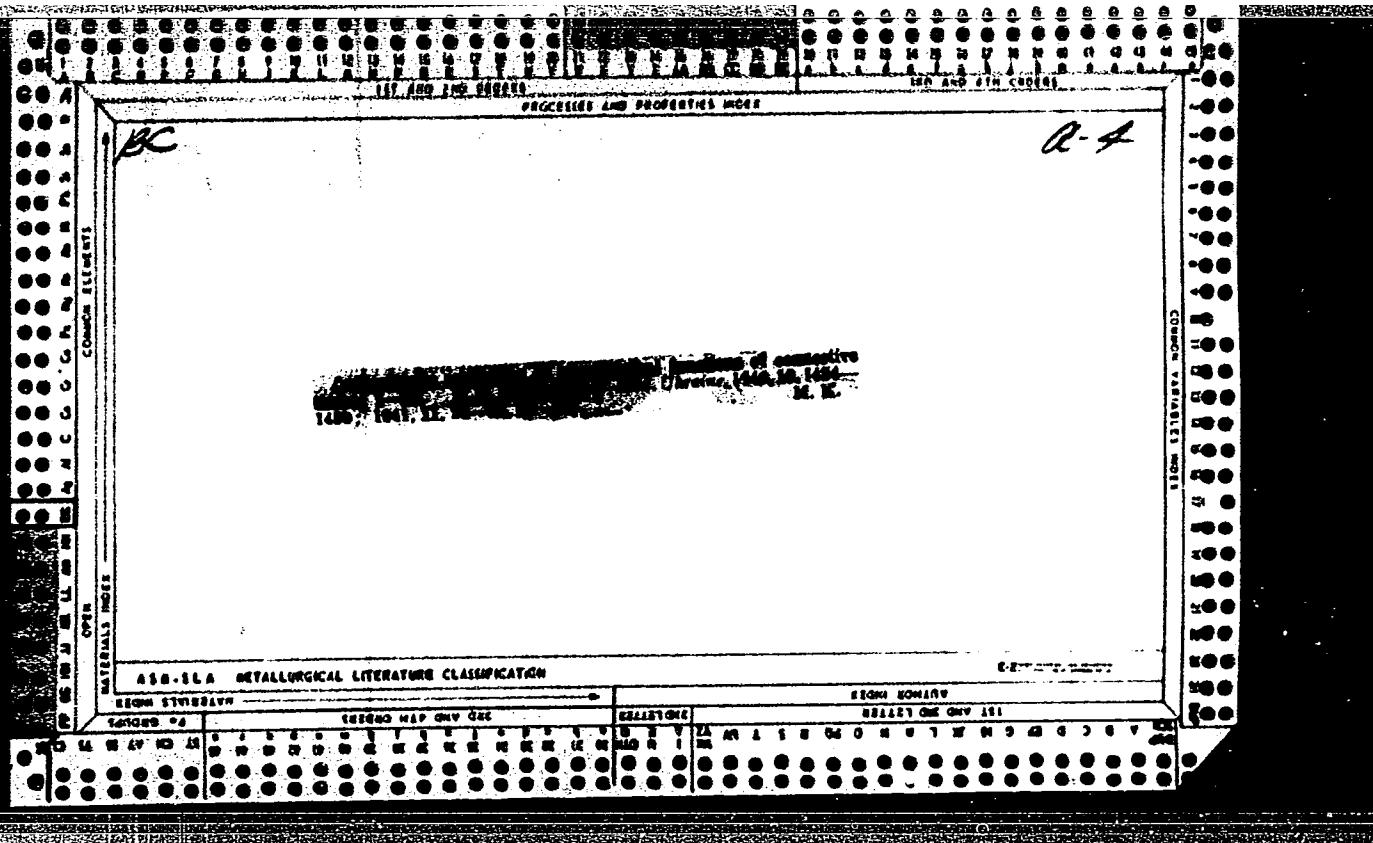
Ruth Reversen





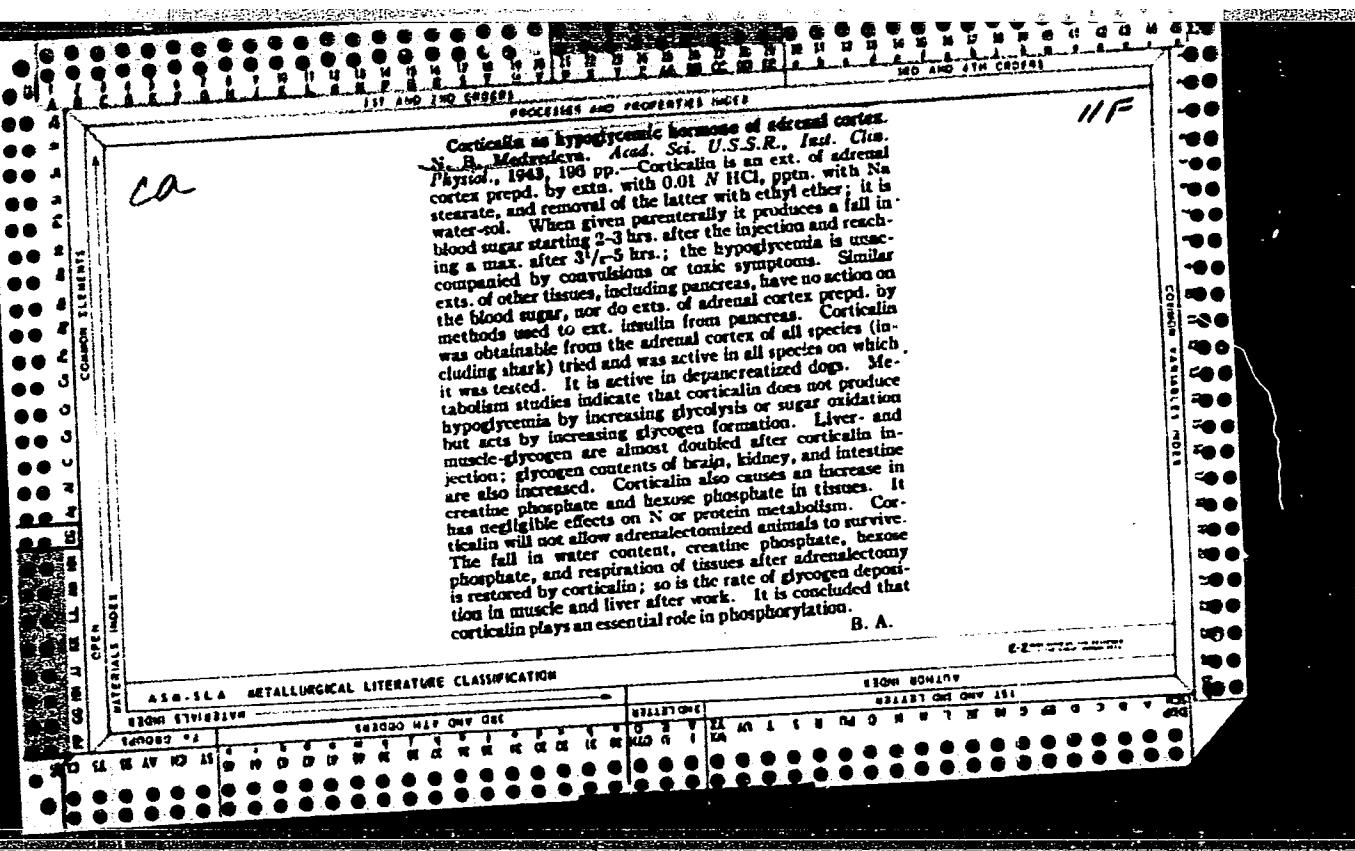
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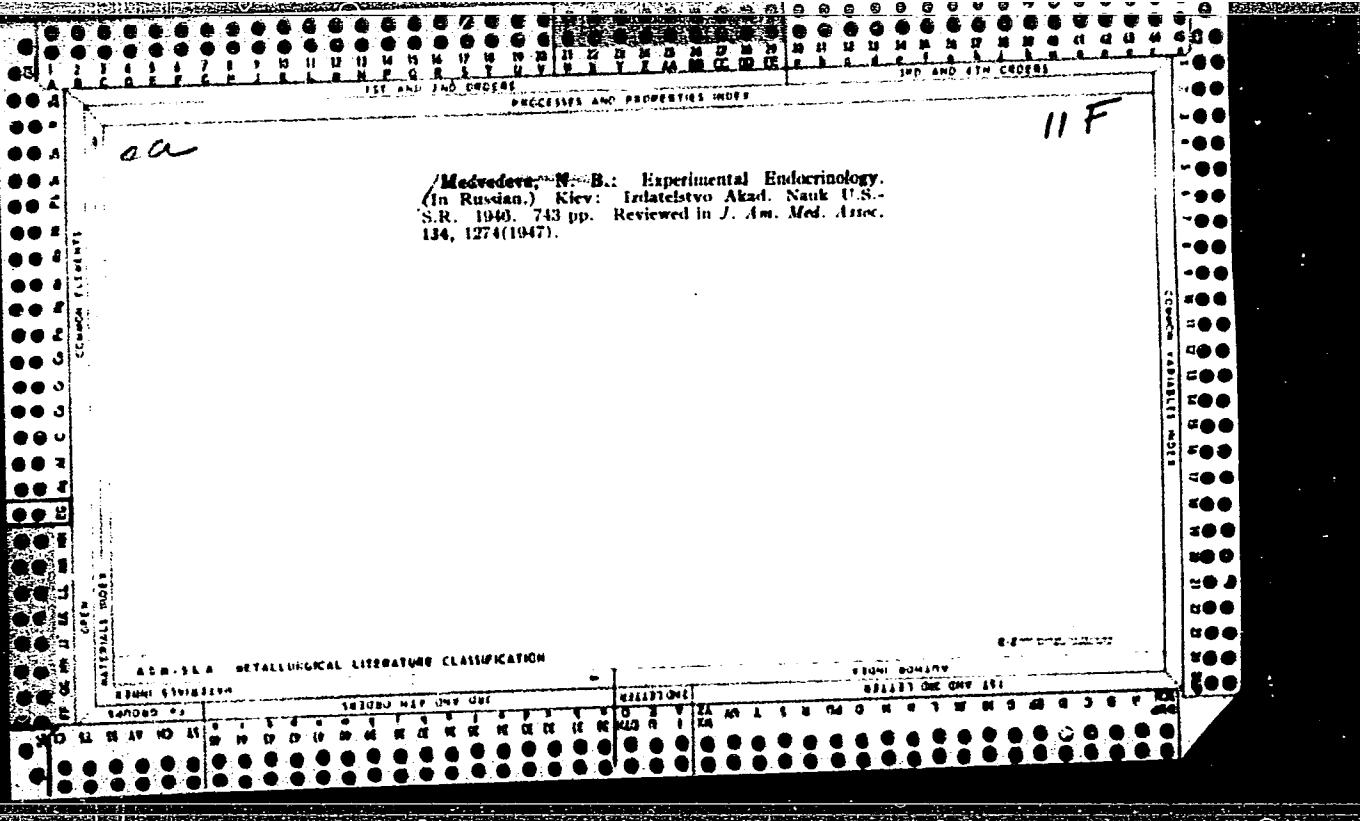
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MEDVEDEVA, N. B.

PA 11T93

USSR/Medicine - Serology  
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May/Jun 1947

"The Influence of the Anti-reticular Cytotoxic Serum  
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"Arkhiv Patologii" Vol IX, No 3

Discusses the chemical composition of the tissues of  
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of tissues, and concludes that there is an increase  
of various forms of phosphorous in older tissues.

11T93

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Effect of neural stimulants on the chemical composition of tissues.  
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Medich.zhur. 16:95-98 '47.

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Bogomolets' [deceased]). 2. Chlen-korespondent AN URSR.  
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(HORMONES)